

19980829.qrp v01_n198.qrs.980829

Date: Sat, 29 Aug 1998 19:03:21 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1198

QRP-L Digest 1198

Topics covered in this issue include:

- 1) [18701] Coming Soon High Efficient Mobile Antenna's
by jcs4us@cosmoaccess.net
- 2) [18702] RE: BUBBA - Need Better Chart
by Paul Harden <pharden@aoc.nrao.edu>
- 3) [18703] ARRL Newsletter
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 4) [18704] Re: ARRL Newsletter
by Richard Kendrick <wa7twi@primenet.com>
- 5) [18705] SOLAR 8-28 & BUBBA Forecast
by Paul Harden <pharden@aoc.nrao.edu>
- 6) [18706] Bubba times and exchange
by FrConrad@aol.com
- 7) [18707] Unbuilt 38S Questions
by Jim Lowman <jmlowman@ix.netcom.com>
- 8) [18708] RE: BUBBA - Need Better Chart
by Bob Hightower <ki7mn@dancris.com>
- 9) [18709] NO N7MFB, BUT...
by ARDUJENSKI@aol.com
- 10) [18710] NorCal Zombie T-shirts - WOW
by "Randy Moore" <wr.moore@worldnet.att.net>
- 11) [18711] Re: Receiver noise floors &c -- another weird deal
by nilsbull@juno.com (Nils R Young)
- 12) [18712] Re: 'On Air' indicator
by nilsbull@juno.com (Nils R Young)
- 13) [18713] ON4ANT's 5-Band Yagis
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 14) [18714] re: Using big rigs on QRP
by k5zty@juno.com
- 15) [18715] Ten tec 1340 kit progress
by Zenith9zn@aol.com
- 16) [18716] BUBBA details and AL7FS
by "Jim Larsen (AL7FS)" <larsennc@alaska.net>
- 17) [18717] A real surprise!
by wb2vuo@juno.com (William K Hibbert)
- 18) [18718] 10 Projects
by k7sz@juno.com (Rick Arland)
- 19) [18719] Ceramic Tuning Tools

- by "Gene Hall" <evhall@ix.netcom.com>
- 20) [18720] Re: Using big rigs on QRP
by Roger Hightower <n7kt@earthlink.net>
- 21) [18721] Are You a REAL Qrp Operator?
by "Randy Jouett" <nop@swbell.net>
- 22) [18722] Re: Are You a REAL Qrp Operator?
by "Randy Jouett" <nop@swbell.net>
- 23) [18723] Re: ARRL Newsletter
by Stephen Lee <slee@u.washington.edu>
- 24) [18724] FS: Ten Tec Century 22 de AL7FS
by "Jim Larsen (AL7FS)" <larsennnc@alaska.net>
- 25) [18725] Re: Using big rigs on QRP
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
- 26) [18726] Re: QRP-L digest 1197
by urolab@ix.netcom.com
- 27) [18727] TESTING
by Wayne Alexander <walexan@ipa.net>
- 28) [18728] Re: Are You a REAL Qrp Operator?
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
- 29) [18729] BUBBA
by Wayne Alexander <walexan@ipa.net>
- 30) [18730] RE:underground feedline installation
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 31) [18731] Re: For Sale: Zip Drive and Accessories
by mwattcpa@earthlink.net (Marty Watt)
- 32) [18732] Re: Using big rigs on QRP
by "Robert Andrew Bell" <rbell@uniserve.com>
- 33) [18733] Re: Unbuilt 38S Questions
by "Paul R. Valko" <prvalko@oakland.edu>
- 34) [18734] RE: Are You a REAL Qrp Operator?
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 35) [18735] Re: Using big rigs on QRP
by VE3JC - John C <jbcumming@wwdc.com>
- 36) [18736] RE: Are You a REAL Qrp Operator?
by "Randy Jouett" <nop@swbell.net>
- 37) [18737] RE: Are You a REAL Qrp Operator?
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
- 38) [18738] Need HF Rig Recommendations
by RCV6064@aol.com
- 39) [18739] Re: Are You a REAL Qrp Operator?
by "Randy Jouett" <nop@swbell.net>
- 40) [18740] FS: Yaesu 757GX HF Transceiver
by "Jerry McCollom" <jmc@cnd.hp.com>
- 41) [18741] Re: Are You a REAL Qrp Operator?
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 42) [18742] Non-QRP matter !
by Eddy Tchung <rava@mail.pf>
- 43) [18743] "QRP" Confusion (Was Big Rigs on QRP)

by Tracy@bytemark.com (Tracy)

44) [18744] RE: BUBBA - Need Better Chart
by Bob Patten <n4bp@bc.seflin.org>

45) [18745] Re: BUBBA - Need Better Chart
by Bob Patten <n4bp@bc.seflin.org>

46) [18746] RE: BUBBA - Need Better Chart
by Bob Patten <n4bp@bc.seflin.org>

47) [18747] QRPp -- someday I'll get my dream station
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>

48) [18748] Re: QRPp -- someday I'll get my dream station
by Bob Patten <n4bp@bc.seflin.org>

49) [18749] RE: Y2K
by cy r currier <crc3@telplus.net>

50) [18750] Re: Using big rigs on QRP
by nhoop@centuryinter.net (N H)

51) [18751] Re: y2k
by ac5ez@webtv.net (Larry B)

52) [18752] FS: HF/VHF Gear
by wb2vuo@juno.com (William K Hibbert)

53) [18753] Re: Using big rigs on QRP
by nhoop@centuryinter.net (N H)

54) [18754] label preoccupation
by ac5ez@webtv.net (Larry B)

55) [18755] nc40a text book opinion
by THE ONE AND ONLY <mitch96@pobox.com>

56) [18756] Re: Need HF Rig Recommendations
by Dave Sjolín <sjolin@swbell.net>

57) [18757] RE: Are You a REAL Qrp Operator?
by Chris Trask <ctrask@primenet.com>

58) [18758] Re: Need HF Rig Recommendations
by "ck" <cdd@bellatlantic.net>

59) [18759] WTB: Kenwood TS120V TS130V TS660 TS670
by "Alan Fryer" <n3bj@hotmail.com>

60) [18760] Re: Unbuilt 38S Questions
by Vic Rosenthal <rakefet@rakefet.com>

61) [18761] Re: FS: HF/VHF Gear
by mwattcpa@earthlink.net (Marty Watt)

62) [18762] Really / Unreal QRP
by jdenison@morelr.com (JOEL DENISON)

63) [18763] Re QRP Hall of Fame
by mike czuhajewski <wa8mcq@erols.com>

64) [18764] VERTICAL PHASING
by ARDUJENSKI@aol.com

65) [18765] Y2K and more
by Steven Weber <kd1jv@moose.ncia.net>

66) [18766] Alinco DX-70T
by "Tony D." <tonyd@ccsi.com>

67) [18767] Re: Using big rigs on QRP

- by Vic Rosenthal <rakefet@rakefet.com>
- 68) [18768] RE: Are You a REAL Qrp Operator? - Tator battery
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 69) [18769] BUBBA
by Wayne Alexander <walexan@ipa.net>
- 70) [18770] solar and wind power for ham radio
by Jim <kj5tf@madisoncounty.net>
- 71) [18771] Re: BUBBA
by Paul Harden <pharden@aoc.nrao.edu>
- 72) [18772] Organic power: BayGen technology
by "Dan Romanchik" <danr@izzy.net>
- 73) [18773] Re: Using big rigs on QRP
by Dan Copeland <dcopeland@wwn.net>
- 74) [18774] QST 1973/74
by Thomas Roth <th.roth@apc.de>
- 75) [18775] Re: Using big rigs on QRP
by Wayne Alexander <walexan@ipa.net>
- 76) [18776] altunative power generation
by Steven Weber <kd1jv@moose.ncia.net>
- 77) [18777] Re: Are You a REAL Qrp Operator?
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 78) [18778] Two Words to the Wise
by "George T. Baker" <w5yr@swbell.net>
- 79) [18779] RE: Need HF Rig Recommendations
by Tracy@bytemark.com (Tracy)
- 80) [18780] This is a First!! de AL7FS
by "Jim Larsen (AL7FS)" <larsennc@alaska.net>
- 81) [18781] Re: Y2K and more
by "Michael A. Newell" <wb4huc@texas.net>
- 82) [18782] QRP?
by W2my@aol.com
- 83) [18783] Re: altunative power generation
by Bob Patten <n4bp@bc.seflin.org>
- 84) [18784] Re: Need HF Rig Recommendations
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
- 85) [18785] Re: nc40a text book opinion, review
by WD6BOR@aol.com
- 86) [18786] Re: Are You a REAL Qrp Operator?
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
- 87) [18787] RE: VERTICAL PHASING
by ARDUJENSKI@aol.com
- 88) [18788] Wind Turbines/Bubba/Y2K/VLF
by jaywa5whn@juno.com
- 89) [18789] Re: Organic power: BayGen technology
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
- 90) [18790] Re: underground feedline installation
by "Hugo W. Catta" <hugo@banet.net>
- 91) [18791] Re: altunative power generation

by Paula Bailey <pmbail01@ox.slug.louisville.edu>
92) [18792] Re: Are You a REAL Qrp Operator?
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
93) [18793] Re: BUBBA
by Mike - W0TMW <crucis@sky.net>
94) [18794] JPS ANC-4
by aa8yo@juno.com (Robert J Fox)
95) [18795] WA8GHZ /5 - Houston Bubba
by JFD /WA8GHZ <jdougher@wt.net>
96) [18796] Re: SW40+: Increasing the output power
by Roger Hightower <n7kt@earthlink.net>
97) [18797] RE: VERTICAL PHASING
by "Randy Jouett" <nop@swbell.net>
98) [18798] Re: QST 1973/74
by Thomas Roth <th.roth@apc.de>
99) [18799] change in bubba plans
by Dick Schneider <rschneid@ix.netcom.com>
100) [18800] I'm not real
by Walt Amos <waltk8cv@ameritech.net>
101) [18801] Re: Y2K and more
by mwattcpa@earthlink.net (Marty Watt)
102) [18802] Re: change in bubba plans
by "Marshall Emm" <mgemm@ntechnologies.com>
103) [18803] Re: I'm not real
by "Don McKechnie" <donmck@erinet.com>

Date: Fri, 28 Aug 1998 16:13:33 -0700
From: jcs4us@cosmoaccess.net
To: qrp-l@lehigh.edu
Subject: [18701] Coming Soon High Efficient Mobile Antenna's
Message-ID: <3.0.32.19980828161330.00738878@wingate>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Coming Soon High Efficient Mobile Antenna's...

I saw this weba page check it out....Alan

<http://www.geocities.com/Yosemite/Gorge/7671/>

Date: Fri, 28 Aug 1998 17:43:40 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: "Larsen, Jim" <JLarsen@alascom.att.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18702] RE: BUBBA - Need Better Chart
Message-ID: <Pine.SOL.3.91.980828174014.22301B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Aug 1998, Larsen, Jim wrote:

> It is still not up to 50 degrees today. Yes, you're right, Bob, we
> need a better chart. I can't find my temperatures anywhere on the chart.
> 73, Jim, AL7FS

Maybe you can get BUBBAmeister Joe to let you use the electron
temperature up there, Jim. With all the bombardment and auroral
activity, it must still be several thousand degrees K :-)

72, Paul NA5N

PS - It was 97 here today. Hmmm ... not bad.

Date: Fri, 28 Aug 1998 19:53:44 -0400
From: "T.J. \"SKIP\" AREY N2EI" <tjarey@home.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@lehigh.edu>
Subject: [18703] ARRL Newsletter
Message-ID: <35E74308.20E26D1@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anybody in the group have a listserve address that sends out the
ARRL weekly newsletter??? I had one some time ago but several ISP
changes made this go away for me.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRP-ARCI #8634 NJ-QRP #155 G-QRP #10055
NORCAL ZOMBIE #122 ARRL Life Member

QRP RIGS: HW-7, HW-8, FT-301S
KITS IN PROGRESS - Ten-Tec 1330, KnightSMiTe "Pixie"

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Fri, 28 Aug 1998 17:19:49 -0700
From: Richard Kendrick <wa7twi@primenet.com>
To: tjarey@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18704] Re: ARRL Newsletter
Message-ID: <35E74925.A7982F59@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This information is appended to each edition of the ARRL Letter. The subscription data is contained in the next to last paragraph.

Richard Kendrick N7NT

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* The ARRLWeb page (<http://www.arrl.org/arrlletter/>). This version of The ARRL Letter includes any photographs. (NOTE: The ARRL Letter will be posted as soon as possible after publication. Please be patient.)

* The HIRAM BBS: 860-594-0306. (NOTE: The ARRL Letter should be available via the HIRAM BBS no later than the Monday after the date of publication.)

* The ARRL Technical Information Server (InfoServer): Send an e-mail message

to info@arrl.org. The subject line should be blank. In the message body, type "send ltrmmdd.txt", where mm represents two digits for the month and dd represents two digits for the day (The ARRL Letter is published every Friday). For example, to request The ARRL Letter file for Friday, January 3, 1997, you'd type "send ltr0103.txt". Then, on a separate line, type "quit".

(NOTE: The ARRL Letter should be available via the InfoServer no later than the Monday after the date of publication.)

* The Netcom server, run by the Boston Amateur Radio Club and Mike Ardai,
N1IST: Send e-mail to listserv@netcom.com (no subject needed). The body of the message should say "subscribe letter-list".

* CompuServe and America Online subscribers, as a downloadable text file in the services' ham radio libraries.

Date: Fri, 28 Aug 1998 18:20:36 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [18705] SOLAR 8-28 & BUBBA Forecast
Message-ID: <Pine.SOL.3.91.980828181515.22301I@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
The Geomagnetic Storm is nearly over and things look good for the BUBBA thing on sunday (even for AL7!!!).

SOLAR ACTIVITY today was very low. Since nothing noteworthy happened on the sun yesterday or today, nothing is on its way to hit us on Sunday. Even a huge flare tomorrow would not impact us until monday or later. THAT'S GOOD.

GEOMAGNETIC conditions have dropped below MINOR storm levels a few hours ago and is currently at an ACTIVE level, just meaning random static crashes and slight absorption of signals. No biggie. The K index has dropped from 8-9 yesterday to 3-4 right now, corresponding to an A-index of 110-120 (SEVERE storm) to around 30 now, with the

A-index expected to be around 15 sunday (just ACTIVE conditions). And that is based on arriving particles from a small coronal hole on the sun, which if a less impact than expected, the A-index may drop below 15 for simply UNSETTLED conditions.

The solar flux is now 139 (30 day mean is 118), so the aftermath of this solar activity brought us an elevated solar flux for a few more days, which should be fully exploited by BUBBA'ers on 20/15M with fair propagation. The global MUF right now is 18 MHz, and on my cheapie Radio Shack DX-350 with whip antenna, I can hear Radio China International on both 15 and 17 MHz quite loud. (6pm MDT). So sunday, the MUF should be at least the same, if not inching up towards 15M.

So Sunday actually looks quite good for the BUBBA contest ... even in the upper latitudes. Propagation should be fair to good with only slightly elevated noise levels (most dominant on 40M). So some QRN, but hopefully lots of QRM from the activity -hi.

FOR YOU SLOWER CODE HAMS ... this is YOUR perfect opportunity. If you miss the full exchange, just say "QRN - PSE RPT," because the seasoned testers will be saying the same thing now and again :-)

Enjoy the contest ... I'm hoping to be there. Considering how cranky the sun has been this week, he (she?) is smiling on us now!!! Now if it can just crank out a few more degrees F for us ...

GL, Paul NA5N

Date: Fri, 28 Aug 1998 20:53:35 EDT
From: FrConrad@aol.com
To: QRP-L@Lehigh.EDU
Subject: [18706] Bubba times and exchange
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Could someone please send me the times of the BUBBA event and the exchange.

Thanks,

John+

Date: Fri, 28 Aug 1998 18:18:58 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [18707] Unbuilt 38S Questions
Message-ID: <35E75702.5F9369A1@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I have an unbuilt 38 Special that I'm considering selling. Since this is a sought-after item, as they are no longer in production, I'm soliciting comments about a fair price to ask, and a fair way to determine the buyer.

Since different ISPs have different rates of dispatching e-mail, taking the first offer isn't entirely fair. I don't care for auctions, either, so it won't be on the basis of best offer.

The reason that I'm considering the sale is that I have a few multi-band transceivers already: Argo 556, Argonaut 515, HW-8, QRP+ and an unbuilt Sierra. The Sierra will be my lightweight radio for the field. If I do decide to build a single-band transceiver, it will probably be the 40A by Wilderness Radio. That will be primarily for the learning experience, building while following the design theory in the Caltech textbook.

I bought the 38S from the estate of a good friend, in order to put a radio on the air in his memory. The unbuilt Sierra was also his, so I'll still have that. Apparently he had bought both, taken ill before his death, and had been unable to build either.

Another friend, who handled the estate sale, was unable to locate the original manual, so yet another friend provided me with a copy.

I will inventory the parts before shipping, just to be sure that all are there. Shipping will be additional from ZIP 924xx.

I welcome all comments.

Thanks in advance and 72 de Jim - AD6CW

Date: Fri, 28 Aug 1998 18:27:57 +0000

From: Bob Hightower <ki7mn@dancris.com>
To: JLarsen@alascam.att.com
Cc: qrp-1@lehigh.edu
Subject: [18708] RE: BUBBA - Need Better Chart
Message-ID: <199808290122.SAA22225@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:30 PM 8/28/98 -0800, you wrote:

>Well, we had snow in the mountains above town yesterday (called
>"termination dust") and ice (< 32 degrees) on the car this morning. It
>is still not up to 50 degrees today. Yes, you're right, Bob, we need a
>better chart. I can't find my temperatures anywhere on the chart. :-)

>

>73, Jim, AL7FS

>

>> -----Original Message-----

>> From: Bob Patten [SMTP:n4bp@bc.seflin.org]

>>

>> . At 5PM, the temp is 98 degrees and humidity about the same.

>

Temp here in AZ was 116 (at the house), but humidity only about 20%. Oh,
well, gonna have trouble with those FL folks.

Bob Hightower KI7MN <http://www.dancris.com/~ki7mn>

Date: Fri, 28 Aug 1998 21:30:32 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18709] NO N7MFB, BUT...
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

N7MFB (Bill) sent out a note he might be on 14.060 this afternoon. Did not
pick him up but got a DL1 instead. Well, sort of. He was actually
W7/DL1JEF in a campground in Utah. Running 8 watts and a fiberglass pole
vertical. I should have known that 579 sig of his was too good to be DX in
these band condx...Alan KB7MBI

Date: Fri, 28 Aug 1998 08:32:57 -0500
From: "Randy Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [18710] NorCal Zombie T-shirts - WOW
Message-ID: <000901bdd288\$5e5a3fc0\$8e11430c@wrmoorerpc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just received my NorCal Zombie T-shirt from Jerry Parker, and I've just got to tell you - its G R E A T ! You shouldn't be without one for the Zombie Shuffle! Checkout:

<http://www.fix.net/~jparker/norcal/shirt/shirt.htm>

Or send \$15 + \$3 postage (\$5 DX) to:

Jerry Parker
426 Tanglewood Ct.
Paso Robles, CA
93446

72,
Randy, KS4L

Date: Fri, 28 Aug 1998 21:01:16 -0500
From: nilsbull@juno.com (Nils R Young)
To: wa8mcq@erols.com
Cc: qrp-l@lehigh.edu
Subject: [18711] Re: Receiver noise floors &c -- another weird deal
Message-ID: <19980828.210135.6510.2.nilsbull@juno.com>

Yo! Static-crash counters!

Last weekend I was out in the outhouse/radio shack (check out the URL below) and was playing with the TR7.

Now, this ol' boat's got maybe 20 years on it. I've smoked the finals in it once being a doofus. It still hears real well & I like to turn it on & listen to everything from 10 kHz to 30 MHz more or less continuous. Fun stuff.

However, I noticed at one point that there was this hiss coming out of the headphones. As in, I could hear it. So I put the antenna on the DL and it was still there. I turned the AF down and it followed. And then, in one of those rare lucid moments that are becoming ever so less

frequent, I turned down the RF gain.

The hiss diminished. I turned it down some more, it went away. I put the real antenna back on (on 30m it's a vertical in the back yard) and I heard all the stuff I'd heard before . . . but with only a bit of the hiss.

So, there I was, without the manual (I finally got it back on Tuesday), thinking that maybe I should check this out. I'd just done a "by memory from 20 years ago" reset of the various PBT pots that control the USB/LSB/CW/RTTY/AM offsets and had things sounding pretty good. But that damn hiss was botherin' me.

I couldn't remember if it was something I'd heard before and had just let by or if it was something new. And tomorrow, bein' Saturday with the rest of the lawn to finish up & other chores to attend to, I might get a chance to check it out.

But it was strange, see? I mean, the Sierra has a hiss when it's not connected to an antenna. The Argosy too. And the Sony ICF7600*. * has one when I turn on the BFO. So it's something there. Hmmm

Maybe I'm just fixating on something that I've decided to become obsessed about. Or I can crank up the ol' sig gen & try to figure out all the stuff that Mikey Cz was talkin' about and discover that, after all these years, I really have been hearing things.

---->>> EAT ---->>> EAT ---->>> EAT ---->>> EAT ---->>> EAT ---->>> EAT
---->>> EAT ---->>> EAT

It was the radio, officer! I had to do it! It kept barkin' at me & flashing lights! Like a Lord Such album at 78 rpms! I couldn't hemp myself! It's an X-File, see? Them aliens from them figerator magnets come into my brain! And then them waffles started dancin', like back on the ol' Ed Sullivan Shoe! And next thing I knew, I was . . . Oh, Lordy, help me! I said hemp me now! Do I have a witness! Yesssah! Hot Tub! Willit make me sweat? Yeeeehaow!

73

Nils

. . . if I get on the air this weekend, I'm gonna have some fun! Hot tub!

Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch

WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com

<http://www.geocities.com/Athens/Olympus/9172>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 28 Aug 1998 20:35:13 -0500
From: nilsbull@juno.com (Nils R Young)
To: 70511.3041@compuserve.com
Cc: qrp-1@Lehigh.EDU
Subject: [18712] Re: 'On Air' indicator
Message-ID: <19980828.210135.6510.1.nilsbull@juno.com>

Gang,

Back when I was a tyke, Mom & Dad took my sister and me to visit Grandpa & Grandma Schreiber in Kersey, PA. This was way back before I-75 & I-71 & the I-279 bypass or any kind of bypass, now that I think of it.

Anyway, as we wound and wounded our way through the various hills & dales between Dayton, OH & Elk County, PA, we spent a lot of time staring out the window and whining about not being there yet. And, since my folks were Roman Catholics (ok, maybe Dad was born of Calvinist & Lutheran stock, so he didn't quite get the same redemption package), Mom tried to shield our eyes from those road signs that used to say, just before the turn in the road:

 T
 H
 Y
PREPARE TO MEET
 M
 A
 K
 E
 R
 !

Dad liked the ones that flashed " --->>> EAT!" --->>> "EAT!" --->>>
"EAT!" --->>> "EAT!" --->>> "EAT!" --->>>

So, being thus saved from reading strange redemptionist scripture tacked up on white crosses at the side of the road (and we won't even mention the "Mt Purvis Primative Baptist Church of the Open Bible Scripture"), I never paid much attention to the flashing lights & occasional animitas until one day, while cleaning out the building that now houses the "real"

station (see the URL below), I came across a huge neon sign with folded metal trim & all, which says:

"Where will YOU spend ETERNITY!!!!!!?!?!?!?!?!?!?!?!?!?"

And now, thanks to this list, I know just where to use it!

You possum heads are so way cool!

73

Nils

. . . . "EAT!" --->>> "EAT!" --->>> "EAT!" --->>> "EAT!" --->>>
"EAT!" --->>> "EAT!" --->>> "EAT!" --->>>

Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172/wb8ijn.html>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 28 Aug 1998 22:06:02 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@Lehigh.EDU>, gqrp-l@blacksheep.org,
towertalk@contesting.com, antennas@qth.net
Subject: [18713] ON4ANT's 5-Band Yagis
Message-ID: <Pine.GS0.3.96.980828215736.28552A-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Johan Van de Velde, ON4ANT (what a great call for an antenna experimenter) asked if I might place his latest designs at my site to make them available to others who might like to consider, model, or otherwise work on the designs. I ordinarily place only my own work at my site, since I like to read of the work of others in the magazines, but Johan's designs are such an interesting example of forward-stagger design, that I have a new entry at the site on the models, given in both AO and EZNEC PD terms--as well as some extra notes on them. 5 bands, 3+ element performance for each band, 49.2' boom.

Hope his work is useful to someone--and interesting to all those

interested in Yagi design.

Incidentally, as a result of several suggestions, I am beginning to put update dates beside the entries so you can tell what is new and what is "old." It will take a good while to get all the dates in the main index.

Second incidental: I added the counter Aug 20, 1997. The count by Aug. 20, 1998 was nearly 31K. I appreciate the interest in the notes there, and am glad they are a bit useful here and there.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)(423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX)(423) 974-3509
37938-4443 USA	/	\	\	\			cebik@utk.edu
URL:	http://web.utk.edu/~cebik/radio.html						

Date: Sat, 29 Aug 1998 01:09:02 -0500
From: k5zty@juno.com
To: qrp-l@Lehigh.EDU
Subject: [18714] re: Using big rigs on QRP
Message-ID: <19980829.010956.6494.4.k5zty@juno.com>

Where are all of the people that were wanting antennas limited to "non gain" antennas to qualify as a genuine QRPer when some people want to use YEACOMWOODS as QRP rigs. How can you be a genuine QRPer when you are using a 100 to 200 watt radio that you didn't have a thing to do with building? I find it a little bit much sometimes when I'm in a contest with my OHR400 against dual Yeacomwoods that are computer linked and working 2 bands at a time. I always wondered how certain stations regularly got the fox on the first call last winter. Gotta be tempting to tweak the power a little when the fox doesn't hear you or you get ? ? ? in a contest. (I think that the "01' Kenwood" stories would have been better if he'd been "01' Emtech" or Sierra or some real QRPer.) Along this line of thought, I think that all of the QRP contest managers ought to put a SERIOUS homebrew bonus in all of the QRP contests to encourage the use of real QRP rigs. You Yeacomwood (QRO) ops have ARRL, CQ Mag. NCJ and organizations around the world putting on contests for you every weekend. Turn off your black rice boxes on QRP weekends. Real

QRP ops use real QRP radios in the QRP contests. This includes the WAS, DXCC, 1k mi/w, and other QRP award contests also. All of these awards issued to a Yeacomwood op should have an asterick by them.

I say if you are going to be a QRPer, use a QRP radio and the best antenna that you can put up. (An SG2020 is not a QRP radio either.)

Flame suit on, fire away. You can't win this one.

72,

Bill ,K5ZTY

Houston, TX

k5zty@juno.com

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 28 Aug 1998 22:30:14 EDT

From: Zenith9zn@aol.com

To: qrp-1@Lehigh.EDU

Subject: [18715] Ten tec 1340 kit progress

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Greetings all, I am returning to ham radio after a 10 year lapse. I am about to complete the Ten Tec 1340 kit and all has progressed well. Receiver phase is done and working, now working on RF amp phase. I am a Tech-Plus, so I will be in the 7.100-7.150 range. I will use a dipole in the attic (HOA neighborhood) and am looking forward to getting back on the air. Hope to see ya. 73's John KB4UTV Gilbert, Arizona

Date: Fri, 28 Aug 1998 18:35:05 -0800

From: "Jim Larsen (AL7FS)" <larsennnc@alaska.net>

To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>

Subject: [18716] BUBBA details and AL7FS

Message-ID: <35E768D9.BA795820@alaska.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I have arranged to go out and operate from KL7Y's QTH for BUBBA. He has big antennas so I should be heard. His noise level is zero, so you should be heard. And with Paul's arranging for the propagation to cooperate (I hope), I will follow through with the trip. It is only 35-40 air line miles from my house but takes over an hour to get there because of the Knik Arm of water.

>From an old posting (slightly updated):
".... Dan, KL7Y, offered to let me use his station....
I did NOT want to pass up this opportunity.

Get this...

15 meters = 5 elements over 5 elements (Hygain 155 Long Johns) at
125 and 72 feet.

20 meters = Hygain 205 (5 elements) at 125 feet (or phased with another lower
20 mtr beam)

40 meters = 3 elements at 160 feet (later this will be stacked 3 over 3 on
forty)

=====

I tend to stay away from the center frequency of 14.060, etc., for my CQs so
look for me above and below the pileups. If Dan is around the house, he
sometimes like to post where I am hanging out so check email.

Let's have fun!! This FUBBA contest should be great. (Freeze UR).
Man, I hope it doesn't snow. :-)

73, Jim, AL7FS
Anchorage, Alaska
Paul Harden wrote:

> The Geomagnetic Storm is nearly over and things look good for the
> BUBBA thing on Sunday (even for AL7!!!).

Date: Fri, 28 Aug 1998 22:54:43 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: qrp-1@lehigh.edu
Subject: [18717] A real surprise!
Message-ID: <19980828.225411.7719.0.wb2vuo@juno.com>

Back in November, I ran the ARRL Sweeps from the club station, NQ2RP.

On CW, it could have been better (MUCH better!!!), but I did well on Phone. How well?

Better than I thought!

Last month, while I was rebuilding 3 computers so that I could get back on-line, I received an envelope AND a package from Newington. The envelope was the certificate for First place, Phone, QRP for the WNY section in the 1997 Sweeps. That's a nice addition to the wallpaper in the shack.

Now the box... Hmmmm, it's about 5 pounds, and is 11 x 14 inches...

It's a plaque! NQ2RP took FIRST PLACE QRP PHONE for the WHOLE ATLANTIC DIVISION!!!!!!!

Now, living jsut down the road from a couple of BIG clubs, with LOTS of QRO+ Ops, this is a REAL trip! Leave all them chemicals in the box! I don't NEED them!

Thanks to the Maryland Millwatt Club for the plaque. A pix will be on the BARK homepage as soon as I can make the arraingments. I have the space over on the Frontiernet account for my own homepage, but never played with any of the HTML stuff as of yet.

What makes this particularly sweet is that the "other" QRP Phone entry from the Rochester area was an individual who challenged me to outscore him, and "Put something on the table to make it 'Interesting'..." I declined as the Sweeps is a fun weekend in November for me, not an on-the-air bloodletting. I had fun, no, I had a blast! I still am, and this is big-League "Bragging Rights", for sure!

So, what are YOU doing this November?

72/73, Keith, WB2VUO, 100% QRP from the Great Bergen Swamp of WNY
My night light runs more power than my Rig!!!
Trustee, NQ2RP club station

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 28 Aug 1998 23:01:05 EDT
From: k7sz@juno.com (Rick Arland)
To: baswaplist@foothill.net, boatanchors@listserv.tempe.gov, qrp-1@Lehigh.EDU
Subject: [18718] 10 Projects
Message-ID: <19980827.002758.10903.0.k7sz@juno.com>

All the classic CB sets are sold. Thanks to all who responded.

73 Rich Arland,
K7SZ

Date: Fri, 28 Aug 1998 23:23:44 -0400
From: "Gene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [18719] Ceramic Tuning Tools
Message-ID: <000601bdd2fc\$747d4440\$57d2b7c7@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The tuning tools for the group buy are in the mail so keep a look out for them.

The extra tips are wrapped in paper and are in the same tube as the tool. If you ordered more than 3 extra tips, they are two "wrappings".

To the folks that have asked if any are left...I ordered a couple extra but I want to wait until I am sure everyone got what they ordered. If any are left then I'll post a message.

72...Gene...WA4HHP...Summerville, SC

Date: Fri, 28 Aug 1998 20:28:03 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: k5zty@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18720] Re: Using big rigs on QRP
Message-ID: <35E712D3.6EE0224A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I've looked everywhere, and I just can't find it. Can someone please tell me how they get "homebrew" or "built it myself" out of QRP? I always thought it meant Low Power.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Fri, 28 Aug 1998 22:30:08 -0500
From: "Randy Jouett" <nop@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18721] Are You a REAL Qrp Operator?
Message-ID: <001501bdd2fd\$55ea76f0\$210aa8c0@aldebran>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What do you guys think about this logic?

The most popular ham band is 2mtrs. The majority of low-power-level output signals are on 2mtrs. The most popular radio on 2mtrs is the handy talkie, with the majority of these rigs -- if not all of them ! -- running 5 watts or less. Therefore, if you don't operate 2mtrs you are a Mega-Lid and non-qrp dude, should slash & burn your entire H.F. antenna farm, and should be forced to operate on 2mtrs -- and 2mtrs alone! -- for the rest of your ham days!!!! And, since the majority of these rigs are store bought and not homebrew, you delve even further into realms on non-qrp operation!!! :^) :^)

I AM JUST JOKING!!!! No scientific data to back ANY of this stuff up, btw!!! :^)

Note: I'm probably not far off the mark, though!!! LOL!! (Laughing Out Loud) :^)

OH. Almost forgot! Since antennas are pretty small on 2mtrs and high-gain antennas can be built/purchased, you are a ultra-mega LID and non-qrp person if you use one on 2!

72(mtrs) :^),

Randy AB5NI
nop@swbell.net

P.S.

To Houston bunch on 146.660 (the main hangout for Qrpers in Houston, folks):

Seriously, my 2mtr rig blew up the other day when I was talking to Rick (KZ5E), so I'll be off of 2mtrs for a while. And yes, that means that I'm a lid and non-qrp since I can't get on 2 :^) :^)

Date: Fri, 28 Aug 1998 22:41:52 -0500
From: "Randy Jouett" <nop@swbell.net>
To: <qrp-1@Lehigh.EDU>
Subject: [18722] Re: Are You a REAL Qrp Operator?
Message-ID: <002801bdd2fe\$f6a693c0\$210aa8c0@aldebran>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>What do you guys think about this logic?

>

> The most popular ham band is 2mtrs. The majority of low-power-level
>output signals are on 2mtrs. The most popular radio on 2mtrs is the handy
>talkie, with the majority of these rigs -- if not all of them ! -- running
5

>watts or less. Therefore, if you don't operate 2mtrs you are a Mega-Lid and
>non-qrp dude, should slash & burn your entire H.F. antenna farm, and should
>be forced to operate on 2mtrs -- and 2mtrs alone! -- for the rest of your
>ham days!!!! And, since the majority of these rigs are store bought and
not

>homebrew, you delve even further into realms on non-qrp operation!!! :^)
:^)

>:^) :^)

>

>

>I AM JUST JOKING!!!! No scientific data to back ANY of this stuff up,
btw!!!

>:^)

>

>Note: I'm probably not far off the mark, though!!! LOL!! (Laughing Out
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>:^)
>
>OH. Almost forgot! Since antennas are pretty small on 2mtrs and high-gain
>antennas can be built/purchased, you are a ultra-mega LID and non-qrp
person
>if you use one on 2!
>
>72(mtrs) :^),
>
>Randy AB5NI
>nop@swbell.net

Forgot one thing....Since the most popular band is 2mtrs, the majority of
the hams in the world are Qrper's by default!!! :^) :^) Tell this to your
favorite QRO friend :^)

Date: Fri, 28 Aug 1998 20:42:50 -0700 (PDT)
From: Stephen Lee <slee@u.washington.edu>
To: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [18723] Re: ARRL Newsletter
Message-ID: <Pine.A41.3.95b.980828203448.127194A-100000@homer10.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, the list name is: rec.radio.info
It's a newslst which, in my situation, my ISP carries
so I just command the newsreader to add (or drop) the
rec.radio.info list to my personal news folder.

Enjoy! de AB7HI, Stephen Lee, Federal Way, WA

On Fri, 28 Aug 1998, T.J. "SKIP" Arey N2EI wrote:
> Does anybody in the group have a listserve address that sends out the
> ARRL weekly newsletter??? I had one some time ago but several ISP
> changes made this go away for me.
> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Date: Fri, 28 Aug 1998 19:43:57 -0800
From: "Jim Larsen (AL7FS)" <larsennnc@alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@Lehigh.EDU>
Subject: [18724] FS: Ten Tec Century 22 de AL7FS
Message-ID: <35E778FD.1DFF8D9@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For sale: Ten Tec Century 22 (Model 579) CW (20-25 watts output) on
80,40,30,20,15,and 10 meters. An increasingly rare, classic Ten Tec.

This rig is in very good shape and works well as evidenced by my 20
meter QRP ragchew earlier this week. It has following
options/equipment:

Model 226 Crystal Calibrator
Model 679 Century Keyer (Curtis 8044)
Model 979 Matching Ten Tec Power Supply

Also included is the original manual and instruction sheets for the
calibrator, keyer and power supply.

Price for Rig + Power Supply + Calibrator + Keyer + Manuals = \$350 which
includes insured shipping to the lower 48 (states).

73, Jim, AL7FS
Anchorage, Alaska

Date: Fri, 28 Aug 1998 23:53:18 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Roger Hightower <n7kt@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18725] Re: Using big rigs on QRP
Message-ID: <Pine.LNX.3.96.980828234341.30818C-1000000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Aug 1998, Roger Hightower wrote:

> I've looked everywhere, and I just can't find it. Can someone please
> tell me how they get "homebrew" or "built it myself" out of QRP? I
> always thought it meant Low Power.

Speaking for myself (and only for myself), I see no real reason that, if you *can* operate a "prebuilt" rig at QRP levels, one can't use that. (Yes, it'd be *drokk*ing *expensive* to use one of those fancy-schmancy Icoms, but I suppose you could for QRP if you really wanted to.)

I will state (again speaking only for myself) that IMHO the reason a lot of folks associate QRP with homebrewing is that, well, QRP is one of the few areas of ham radio (along with some RTTY and SSTV stuffle) that homebrewed equipment is still a major part of. There's no real need to buy a really expensive HF rig when one can literally build one from spare parts for under a hundred dollars.

In other words, it isn't so much that QRP rigs *must* be homebrewed; it's a matter of folks outside of the subset of hams that enjoy QRP don't do a heck of a lot in either homebrewing equipment or using it. (Again, the one exception in this is RTTY and SSTV usage; you see a number of folks homebrewing the special interfaces to the computer like your HAMCOMM interfaces and your Baycom modems. These things are pretty dead simple to make, and folks outside ham radio use them too (SWLs will use them to get weather faxes and whatnot).)

(I'll also gently remind folks, as an aside, that not all homebrew equipment is necessarily QRP! :) It's quite possible to put a linear amp on a homebrewed rig and knock it above QRP levels; it is also possible, I would presume, to build a homebrewed rig that in and of itself went above QRP levels.)

> --
> 72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

-pb

Date: Fri, 28 Aug 1998 22:53:57 -0500 (CDT)
From: urolab@ix.netcom.com
To: qrp-l@lehigh.edu
Subject: [18726] Re: QRP-L digest 1197
Message-ID: <1998828235251618467@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Though I could probably use a second zip...you have to realize they can be had new-in-box /w warranty for \$99, and a 10 pack of new Fuji zips for 99 as well. At 60% for used-good-as-new depreciated value....

WB4DTC, Dave

Date: Fri, 28 Aug 1998 22:57:09 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [18727] TESTING
Message-ID: <199808290357.WAA20316@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Making sure it will work from new Address.
73,
KB0PTE
Wayne

Date: Sat, 29 Aug 1998 00:03:44 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Randy Jouett <nop@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18728] Re: Are You a REAL Qrp Operator?
Message-ID: <Pine.LNX.3.96.980828235616.30818D-100000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Aug 1998, Randy Jouett wrote:

> >What do you guys think about this logic?
> >
> > The most popular ham band is 2mtrs. The majority of low-power-level
> >output signals are on 2mtrs. The most popular radio on 2mtrs is the handy
> >talkie, with the majority of these rigs -- if not all of them ! -- running
> 5
> >watts or less.

Actually, in a lot of cases (especially with those HT's) considerably
less than 5W; the most powerful HT's I see in the Tech America catalogue

are 5W exactly, and a number of them are *far* less than that (one that did 2W, a number in the milliwatt range [280mW on one, the other switchable between 340mW and 50mW--talk about yer QRP ;)]).

The mobile (as in CB-radio-looking) rigs have a bit more juice than that, though; sometimes at 5W at the low end, and in some cases putting out too much power even on the low end to be QRP :P

Then again, there's a small consideration with 2m radios, too; most 2m stuff that doesn't involve E-M-E or simplex is done through repeaters. So, in QRP, does one count the power of the HT or the repeater the HT is talking through? Hmmm.... :)

(Seriously, though, you do have a point...)

-pb

Date: Fri, 28 Aug 1998 23:05:15 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [18729] BUBBA
Message-ID: <199808290405.XAA20732@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Where would I find the rules for this contest? Thanks in advance.
73,
KB0PTE
Wayne

Date: Fri, 28 Aug 1998 23:08:15 -0300
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-l@Lehigh.EDU>
Subject: [18730] RE:underground feedline installation
Message-ID: <01bdd2f1\$e271c4e0\$LocalHost@inforhc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Two coaxial cables.... 50, 75 or 90 ohms...

Both shield soldered together at both ends
The two center conductors are used to feed an antenna
the same way you will feed with a pararell open wire
transmission line...

NOW... this shielded pararell line made with the two
coax cables has...

100 ohms impedance when 50 ohms cable is used

150 ohms impedance when 75 ohms cable is used

186 ohms impedance when 93 ohms cable is used

Losses depend on type of coax used

CAN CERTAINLY BE BURIED... I have always used

GRP or PVC ducting to protect the cables outer jacket
from the effects of the soil...

Telephone companies have a nice ducting pipe for
this purpose, well tested and will last more than
your station... as they bury those for long term use
with phone multipair cable (old days) and fiber optic (today)
USING standard RG213 for your run into the woods, a
30 meter, or around 100 feet run will have reasonably
low losses up to 30 MHz or so...

Not recommended for 6 or 2 meter DX !

Hope this helps...

Always remember to tie both shields together at the antenna
tuner end, then take the shields to the tuner's ground (I
suppose

you have a station ground connected to the tuner)... I do it
via a 100 ohm 2 watt resistor, not directly..

The shielded balanced transmission line can be made very
easily from a new type of coaxial installed by cable TV
companies that has 2 of 75 ohm cables under a common
polyethylene jacket...

A SUPERB LINE of this type is made using two RG17
cables... they will require much larger diameter ducting...
but losses will be LOW !!!

73 and enjoy your trees as antenna supports

Your friend in Havana

Arnie Coro

C02kk

PO Box 6240 Habana Cuba

e-mail: arnie@radiohc.org

e-mail inforhc@mail.infocom.etecsa.cu

Date: Sat, 29 Aug 1998 04:43:24 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18731] Re: For Sale: Zip Drive and Accessories
Message-ID: <35e9803c.22525987@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Fri, 28 Aug 1998 22:30:52 GMT, mwattcpa@earthlink.net (Marty Watt) =
wrote:

Thanks for all the price comments. I'll withdraw the offer for sale.

=46or the record:

I checked the web page. CDW (www.cdw.com -- Computer Discount Warehouse)=
does
in fact sell the parallel port drive for \$119.95 plus shipping. Disks =
(10) go
for \$99.95 plus shipping. The cases (IOmega small, Case Logic large) go =
for
\$15 and \$35 respectively at the local retailer (CDW was \$5 cheaper on the
large case, but both were not in stock). The extra power supply cable =
was
actually \$40 from IOmega -- the power supply that came with my unit =
weighs
about 4.5 lbs., and was too bulky to travel with. The battery (used =
three
times on cross country airline trips) retails for \$59.99 at Best Buy here=
in
town, if they are in stock (a rare event at our local establishment).

Total (assuming \$6 shipping on the CDW items, and no sales tax) new =
warranted
cost: \$376. 60% of \$376 =3D \$225 (and change), which was my asking =
price.
Actually, I prefer to work at 50% of new warranted cost. But I also like=
to
leave myself 10% of asking price "wiggle room" for negotiating. \$376 x =
0.5 =3D
\$188, plus 10% of \$188 =3D \$206.80. Plus \$5 shipping USPS priority mail =
and a
box to ship it in, \$211.80. Say \$215.

I overpriced it by \$10. Please excuse my inadequacies in the trading =
games.

I really want, and really can't get, a Sierra. Wife wants an =
entertainment
center for the living room. Guess who will win the battle ...

BTW, I do not shop Sam's club. It takes over \$500 in purchases just to =
begin
saving anything after you pay the \$25 fee to avoid the 5% upcharge. Make=
sure
you figure the upcharge when pricing, if applicable. Plus, they laid off=
my
sister-in-law, so I'm not fond of uncle Sammy Walton at the moment.

Returning you to your regularly scheduled discussions ...

--

72 es 73 de Marty, KM7W

Memphis, Tennessee <http://home.earthlink.net/~mwattcpa>
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM55

Date: Fri, 28 Aug 1998 21:50:04 -0700
From: "Robert Andrew Bell" <rbell@uniserve.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18732] Re: Using big rigs on QRP
Message-ID: <002e01bdd308\$7e29a720\$a3d2f4cc@satan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

So I guess using this logic all those people using Ten-Tec argonauts and the
MFJ 90xx etc are not real qrpers because they didn't homebrew. Why don't we
go one step further and declare that to be a Real qrper you have to be an
electronics engineer, your rig has to be from your own design and not made
from a kit, that should cut down the number of qrpers (would you qualify?
Isn't the OHR400 a kit). Come on! Let's stop all this whining about whose
better than who and just enjoy making contacts, isn't that what it's all
about.

Rob VE7IGZ

-----Original Message-----

From: k5zty@juno.com <k5zty@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, August 28, 1998 7:24 PM
Subject: re: Using big rigs on QRP

>Where are all of the people that were wanting antennas limited to "non
>gain" antennas to qualify as a genuine QRPer when some people want to use
>YEACOMWOODS as QRP rigs. How can you be a genuine QRPer when you are
>using a 100 to 200 watt radio that you didn't have a thing to do with
>building? I find it a little bit much sometimes when I'm in a contest
>with my OHR400 against dual Yeacomwoods that are computer linked and
>working 2 bands at a time. I always wondered how certain stations
>regularly got the fox on the first call last winter. Gotta be tempting
>to tweak the power a little when the fox doesn't hear you or you get ? ?
>? in a contest. (I think that the "Ol' Kenwood" stories would have been
>better if he'd been "Ol' Emtech" or Sierra or some real QRPer.)
>Along this line of thought, I think that all of the QRP contest managers
>ought to put a SERIOUS homebrew bonus in all of the QRP contests to
>encourage the use of real QRP rigs. You Yeacomwood (QRO) ops have ARRL,
>CQ Mag. NCJ and organizations around the world putting on contests for
>you every weekend. Turn off your black rice boxes on QRP weekends. Real
>QRP ops use real QRP radios in the QRP contests. This includes the WAS,
>DXCC, 1k mi/w, and other QRP award contests also. All of these awards
>issued to a Yeacomwood op should have an asterick by them.
>I say if you are going to be a QRPer, use a QRP radio and the best
>antenna that you can put up. (An SG2020 is not a QRP radio either.)
>Flame suit on, fire away. You can't win this one.
>72,
>Bill ,K5ZTY
>Houston, TX
>k5zty@juno.com

>
>-----
>You don't need to buy Internet access to use free Internet e-mail.
>Get completely free e-mail from Juno at <http://www.juno.com>
>Or call Juno at (800) 654-JUNO [654-5866]
>
>

Date: Sat, 29 Aug 1998 00:56:11 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Jim Lowman <jmlowman@ix.netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18733] Re: Unbuilt 38S Questions
Message-ID: <Pine.OSF.3.95.980829005128.34C-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Aug 1998, Jim Lowman wrote:

> I have an unbuilt 38 Special that I'm considering selling. Since this
> is a sought-after item, as they are no longer in production, I'm
> soliciting comments about a fair price to ask, and a fair way to
> determine the buyer.

As I recall... one of the "gentlemen's agreements" from NORCAL was that we
were never to sell a NORCAL product for more than the original price.

Reason being that the kits were a product of "love" put together by
volunteers and nobody should "profit" for there good work.

So... take names and draw one out of a hat... If you decide to break the
argreement... that's your choice.

BTW... the radio sold for \$30 and that included shipping.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Sat, 29 Aug 1998 00:51:54 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [18734] RE: Are You a REAL Qrp Operator?
Message-ID: <0000001bdd311\$2138d780\$d33247cf@homedad.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A REAL QRP operator uses "organic" power.
ie. hamster, buddy on bicycle, potatoes...
Yes potatoes. For details on a "tator battery"
let me know....

Kevin, WB5RUE
wb5rue@stic.net

Date: Sat, 29 Aug 1998 02:00:31 -0400
From: VE3JC - John C <jbcumming@wwdc.com>
To: k5zty@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18735] Re: Using big rigs on QRP
Message-ID: <35E798FF.21056B5@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

k5zty@juno.com wrote:

>
> How can you be a genuine QRPer when you are
> using a 100 to 200 watt radio that you didn't have a thing to do with
> building?

I find it a little depressing when we get into these divisive exercises of separating us

"real" QRPers from the "fake" QRPers (ie those whose perspective of low power operation is different from our own). "Gain" vs "Non Gain :>)" antennas, "Home Brew" vs "commercial", equipment, etc. etc. If a person gets a kick out of building and/OR operating radio equipment at 5 watts or less output, he/she is a genuine QRPer.

> I always wondered how certain stations
> regularly got the fox on the first call last winter. Gotta be tempting
> to tweak the power a little when the fox doesn't hear you or you get ? ?
> ? in a contest.

I don't think this is a fair comment, Bill. You've GOT to accept that anyone participating in a QRP contest / event is abiding by the rules. When I hear your fb signal, I accept that your OHR400 is doing a great job and there's no 100W amplifier hidden under your desk. The only person sillier than the one "tweaking the power" to land a fox would be the guy who loses sleep over missing out on the fox "because someone might have been cheating". This ain't no multi-million dollar home run race, it's just a bunch of challenges we set for ourselves.

> I think that all of the QRP contest managers
> ought to put a SERIOUS homebrew bonus in all of the QRP contests...Real
> QRP ops use real QRP radios in the QRP contests.

I agree that there should be homebrew bonuses in all QRP contests, but
if by "SERIOUS" bonuses

your intent is to completely exclude participants using commercial
equipment at QRP levels, then

I think a lot of QRP contests would suffer. It can get pretty lonely
looking for new stations to
work in some of the contests.

> Flame suit on, fire away. You can't win this one.

Exactly. No one "wins" if we dissect the qrp fraternity/sorority into a
bunch of isolated
"pure" subcultures.

No intent to offend anyone. Hey, it's only a hobby. Have a great
weekend, Bill & all

Vy 73 es 72, JC

VE3JC - JOHN CUMMING
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

Date: Sat, 29 Aug 1998 01:26:56 -0500
From: "Randy Jouett" <nop@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18736] RE: Are You a REAL Qrp Operator?
Message-ID: <001501bdd316\$062b6390\$210aa8c0@aldebran>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>A REAL QRP operator uses "organic" power.
>ie. hamster, buddy on bicycle, potatoes...
>Yes potatoes. For details on a "tator battery"
>let me know....
>
>Kevin, WB5RUE
>wb5rue@stic.net

Hmmm. How about, " A REAL QRP operator uses methane-powered generators, with the methane being produced by beer-guzlin', Taco-Bell-bean-burrito eattin' QRO operators!" Whatcha' think? :^) :^)

Yeah. Let me hear about this potato battery. Heck, maybe we cud get together for QRP TTF with a bunch of qrp rigs powered by this wacky stuff, take pictures, and post em' to the net! LOL! Hey, how about we hampster power a 250mw 10mtr rig and trickle charge the battery with a generator tied to his exercise wheel?? LOL!

Hey. Would we get a better multiplier for using this kinda' power? :^) :^)

Randy AB5NI
nop@swbell.net

Date: Sat, 29 Aug 1998 02:59:10 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Randy Jouett <nop@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18737] RE: Are You a REAL Qrp Operator?
Message-ID: <Pine.LNX.3.96.980829024502.32003A-1000000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 29 Aug 1998, Randy Jouett wrote:

> >A REAL QRP operator uses "organic" power.
> >ie. hamster, buddy on bicycle, potatoes...
> >Yes potatoes. For details on a "tator battery"
> >let me know....
> >
> >Kevin, WB5RUE

> >wb5rue@stic.net

>

> Hmmm. How about, " A REAL QRP operator uses methane-powered generators, with
> the methane being produced by beer-guzlin', Taco-Bell-bean-burrito eattin'
> QRO operators!" Whatcha' think? :^) :^)

Oh dear...I can see it now...the Allsup's 40M special *shudder*

(For those who don't follow storm-chaser mailinglists--Allsup's is, well,
a sort of gas/food/stop-n-rob chain in Texas and Oklahoma who sell
burritos (heated over lamps) that are, to whit, reported to be *extremely*
methanogenic. It is rumored that, were cars to go to burning methane,
most of the activve storm-chasers could fuel their vehicles very well off
the by-products of Allsup's burritos.)

Does this mean we're also going to be seeing shirts of chihuahuas with
little Norcal radios (giving the dual fright of little yip dogs who are
Norcal zombies ;) saying "Yo quiero QRP"? ;)

> Yeah. Let me hear about this potato battery. Heck, maybe we cud get together
> for QRP TTF with a bunch of qrp rigs powered by this wacky stuff, take
> pictures, and post em' to the net! LOL! Hey, how about we hampster power a
> 250mw 10mtr rig and trickle charge the battery with a generator tied to his
> exercise wheel?? LOL!

Actually, I know about the potato battery. :) (Yes, it *is* possible to
use a potato as a battery. It involves, if memory serves, two plates of
copper and zinc; the potato actually has enough salts in it to act as a
good electrolyte.) I am rather surprised anyone else remembers the potato
battery; you saw them *occasionally* in stuff like "Do it for yourself"
science guides or on "Mr. Wizard's World", and if memory serves they also
told how to do it in one of the "You Can With Beakman And Jax" strips.
(There is supposedly a web archive of the strips somewhere; you might well
be able to find the particular strip. ;)

To my knowledge, potato batteries aren't rechargeable :P (Basically, it's
a new take on the copper-zinc cell) Also, supposedly lemons will also
work and work quite well at that (citric acid and all...).

> Hey. Would we get a better multiplier for using this kinda' power? :^) :^)

One wonders. I think one should, anyways. (If we can find one of those
old hand-crank generators they had in science classes and use them
somehow, that would be interesting too. Hook it up, find one of the old
treadles from an *old* Singer sewing-machine, hook it up to the handle,
and there you go--the things power a light-bulb well, you'd just need to
hook up a battery to tricke-charge it ;) Of course, if memory serves,
you'd have to have several potato-cells (or lemon-cells--then you could

have lemon-fresh QRP ;) but the amount of power you can get is not negligible from them.

(I think about this *way* too much, don't I? ;)

> Randy AB5NI
> nop@swbell.net

-pb
"lemony fresh QRP, coming to a rig near you"

Date: Sat, 29 Aug 1998 03:11:24 EDT
From: RCV6064@aol.com
To: qrp-l@Lehigh.EDU
Subject: [18738] Need HF Rig Recommendations
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi all -

This is my first post to the group although I have been a member for over a year and one-half. I always enjoy reading everyone's posts each day and it's rare if I don't pick up at least one new idea after reading through a qrp-l digest; this is a great group. Like many of you, I am enjoying ham radio a whole lot more since discovering qrp. But in order to enjoy it to its fullest, I need everyone's help. What HF rig would you buy if you had \$500-\$750 (closer to the \$500 end) to spend? I intend to operate primarily CW and would like at least 80-10M capability and 50-100W out (used only on rare occasions and of course adjustable to qrp levels). The K2 looks like a distinct possibility (I've built a Norcal 40A and it's great; thanks Wayne). Please respond direct to my email address. If anyone else is interested, email me and I will copy you on the responses I get.

Thanks and 73,

Rich K6TM
rcv6064@aol.com

Date: Sat, 29 Aug 1998 03:01:49 -0500
From: "Randy Jouett" <nop@swbell.net>
To: "Paula Bailey" <pmbail01@ox.slug.louisville.edu>, "Low Power Amateur Radio

Discussion" <qrp-1@Lehigh.EDU>
Subject: [18739] Re: Are You a REAL Qrp Operator?
Message-ID: <005f01bdd323\$47a82580\$210aa8c0@aldebran>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>> Hmmm. How about, " A REAL QRP operator uses methane-powered generators,
with
>> the methane being produced by beer-guzlin', Taco-Bell-bean-burrito
eattin'
>> QRO operators!" Whatcha' think? :^) :^)
>
>Oh dear...I can see it now...the Allsup's 40M special *shudder*
>
>(For those who don't follow storm-chaser mailinglists--Allsup's is, well,
>a sort of gas/food/stop-n-rob chain in Texas and Oklahoma who sell
>burritos (heated over lamps) that are, to whit, reported to be *extremely*
>methanogenic. It is rumored that, were cars to go to burning methane,
>most of the activvve storm-chasers could fuel their vehicles very well off
>the by-products of Allsup's burritos.)

Hmmm. I live in Houston and haven't seen an Allsup's any where around my
area.
Know of any in Houston, Paula???

>Does this mean we're also going to be seeing shirts of chihuahuas with
>little Norcal radios (giving the dual fright of little yip dogs who are
>Norcal zombies ;) saying "Yo quiero QRP"? ;)

Yeah! How about a NorCal t-shirt, folks! :^)

>> Yeah. Let me hear about this potato battery. Heck, maybe we cud get
together
>> for QRP TTF with a bunch of qrp rigs powered by this wacky stuff, take
>> pictures, and post em' to the net! LOL! Hey, how about we hamster power
a
>> 250mw 10mtr rig and trickle charge the battery with a generator tied to
his
>> exercise wheel?? LOL!
>
>Actually, I know about the potato battery. :) (Yes, it *is* possible to
>use a potato as a battery. It involves, if memory serves, two plates of
>copper and zinc; the potato actually has enough salts in it to act as a
>good electrolyte.) I am rather surprised anyone else remembers the potato

>battery; you saw them *occasionally* in stuff like "Do it for yourself"
>science guides or on "Mr. Wizard's World", and if memory serves they also
>told how to do it in one of the "You Can With Beakman And Jax" strips.
>(There is supposedly a web archive of the strips somewhere; you might well
>be able to find the particular strip. ;)
>
>To my knowledge, potato batteries aren't rechargeable :P (Basically, it's
>a new take on the copper-zinc cell) Also, supposedly lemons will also
>work and work quite well at that (citric acid and all...).

>> Hey. Would we get a better multiplier for using this kinda' power? :^)
: ^)
>
>One wonders. I think one should, anyways. (If we can find one of those
>old hand-crank generators they had in science classes and use them
>somehow, that would be interesting too. Hook it up, find one of the old
>treadles from an *old* Singer sewing-machine, hook it up to the handle,
>and there you go--the things power a light-bulb well, you'd just need to
>hook up a battery to tricke-charge it ;) Of course, if memory serves,
>you'd have to have several potato-cells (or lemon-cells--then you could
>have lemon-fresh QRP ;) but the amount of power you can get is not
>negligible from them.
>
>(I think about this *way* too much, don't I? ;)

Well, at least you are thinking, Paula, and that's a lot more than I can
give a LOT of people that I've met! : ^)

>"lemony fresh QRP, coming to a rig near you"
>

I'm wondering what kind of amp-hours we're talking here? Maybe I cud do some
calculations and figure out how many lemons we wud need to power a rig.
Heck, while I'm thinking about it, why not just build all kinds of crazy
power sources, group em' all together at one Qrp TTF location, and call CNN
or the like and tell them about it? They'll probably get a kick out of it
and put it on the air. It would be great publicity for amateur radio, too! I
can see it now. "Y2K Alternative Power Sources." Cud call it YAPS for short,
and that wud go along great with your NorCal t-shirt design. : ^)

Randy AB5NI
nop@swbell.net

Date: Sat, 29 Aug 1998 02:19:37 -0600
From: "Jerry McCollom" <jmc@cnd.hp.com>
To: <qrp-1@Lehigh.EDU>
Subject: [18740] FS: Yaesu 757GX HF Transceiver
Message-ID: <000d01bdd325\$c3f361c0\$38620f0f@fcjmcp.fc.hp.com>
Mime-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Making room for more QRP kits, so I'm selling my 757 GX.

A nice rig packed with functionality. General coverage receive, out-of-band transmit enabled, 100W PEP, CW Full Break-In, Built in Iambic Keyer. USB/LSB/CW-Wide/CW-Narrow/AM/FM modes, split VFO, 9 memories. Works wonderfully, have worked Australia running barefoot on an attic dipole with this rig. Non-smoker. Previous owner also non smoker. Previous owner had rig mobile, so some wear is visible on edge of faceplate and some light paint scuffs on top, but otherwise clean. Includes manual and technical supplement, hand mike, and power connector. This is a great rig for main station, backup, or mobile (was my main station rig).

\$450 shipped CONUS or \$430 and pick up in Fort Collins, CO. I'm always open to offers!

Please see pictures of this rig at < <http://www.frii.com/~mccollom/757> >.

Thanks & 73,

Jerry
W0MC

Date: Sat, 29 Aug 1998 01:24:55 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18741] Re: Are You a REAL Qrp Operator?
Message-ID: <00b601bdd326\$82092fa0\$89aad9cf@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

This is an interesting discussion. I have thought for awhile that there are many different reasons a person chooses to operate Qrp. (Pardon me if this has been discussed previously. I have not followed the entire thread). Many operate Qrp for reasons not purely motivated by the challenge of low power but rather, as a requisite of camping/hiking, or simply for the thrill of operating home-brew equipment which generally by default is..., Low Power. We would be remiss if we did not acknowledge economic motivators as well. It is an inexpensive way to get into HF Amateur Radio operations and have a ball.

I think those motivated by the purity of Qrp operations *tend* to be the more passionate within our ranks. These are the folks hell bent on ensuring near luddite perspectives on all aspects of their operations. Anything deviant from wire and silicon or requiring more power than that which can be drawn from a potato is looked upon as "excessive". (Ok, I gave myself away. I could not help but to editorialize)

The rest of us look upon Qrp as a means to an end, and draw our enjoyment from whatever we see as success from our individual motives.

I, for one do not see myself as a failure should my 38s output 6 watts instead of 0 - 5 w. In the spirit of competition however, I DO restrict my operations to that specified by contest rules.

I would suspect that many others also enjoy Qrp as an end to the means of home-brew. Once a unit is built and operational and the individual enjoys the success of their truly unique home-brew radio, how they operate it is irrelevant. Should they put their NorCal 20 on a 6 element wide spaced yagi at 100', the "spirit" of Qrp is just as valid as the guy operating by potato power.

I guess some would like to keep the distinction between homebrew and Qrp pure and distinct, but don't the two overlap and merge more often than not? I wonder though if there should be sub categories within homebrew i.e., I don't consider my 38S a *real* homebrew Qrp radio. I do consider my ugly board constructed 30M D.C transceiver *real* homebrew. Maybe "Scratch-Brew" would be more appropriate for the latter.

Roger KD6CC

Date: Fri, 28 Aug 1998 22:52:55 -1000
From: Eddy Tchung <rava@mail.pf>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18742] Non-QRP matter !
Message-ID: <35E7C167.FD573DEB@mail.pf>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all,

Sorry to be off topics.

Pse, can someone helps on this.

One of my friends needs the mods infos for these 2 marine transceivers :

* Icom "IC-M700 PRO" marine transceiver :

Needed : mods info for a wide range TX

(He needs to be able to transmit out of the dedicated marine bands).

* SEACOM "M198P" handheld transceiver :

Needed : mods info for setting power from 1W to 5W.

Thanks in advance for any help.

Regards,

Eddy - F050K

rava@mail.pf

Date: Sat, 29 Aug 1998 05:50:35 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [18743] "QRP" Confusion (Was Big Rigs on QRP)
Message-ID: <000701bdd332\$7865b980\$e3df1ecf@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I've looked everywhere, and I just can't find it. Can someone please
> tell me how they get "homebrew" or "built it myself" out of QRP? I

> always thought it meant Low Power.

Sorry guys, but QRP means 'Quick, and Relatively Painless'.

Has meant that to alot of people in various parts of the country. The first time I heard it was from a South Carolina barber talking about the procedure to remove a tick from the back of my neck. (Been ate up with code since before I knew what it was??? grin)

All joking considered, I have to take a side on this one. From the posts on the list I'd think that QRP meant 'low power from a particular set of approved pre-designed kits.' I use my Kenwood TS680, modified to put out UNDER a watt with good efficiency, for QRP operation alot.

I recently acquired a 38 Special kit. (Thanks!) Is that 'more' QRP than when I'm using my Kenwood? Certainly not. It is more home-brewed, though.

And what about my dead-bugged DC transceiver? I build scores of circuits from scratch, some modified and some right off the top of my head. Do those projects hold more 'QRP weight' than the PIXII I got on a pre-made board?

I think some of the posters lately have confused 'Home Brewed Radio' with 'QRP Operation.' Although I do dig QRP operation, I still want to see what it's like to operate QRO on a home made amplifier. Does that make me a 'sinner?'

I for one TOTALLY separate QRP Operation from Home Brew Radio. It just so happens that QRP simplifies many of the design criteria of Homebrew Radios.

I think it's funny to compare emails with my Wife's religious list -- sometimes it seems that 'purists' are a part of every group. You can't be a part of that group unless you read certain books, use certain phrases, etc. QRP Ain't religion! (FLAME SUIT ON!)

I think the FCC mandates QRP right in the rules. I think it proves the measure of a man to be able to communicate efficiently with less power than his peers. I think QRP is a good reason for extremely efficient antennas. (If I could have another full-wave loop for 160 at almost 200 feet I'd do it again!) I think building your own radio from scratch is like a maturity ritual for Home Brew enthusiasts.

Hey, it's different for all of us. I've been a bit insulted by a few posts that imply that I'm a 'cheater' because I want to use a beam on a tower again or that I want to operate 50 watts in really crummy conditions. If you want to make a class of operation for low efficiency antennas, call it 'QRPa???' Grin.

The next time you see a guy with a cigarette asking 'gotta light?' Ask him,

with all seriousness, 'Gotta Dark?'

Tracy N4LGH
QRP-L #1453

Date: Sat, 29 Aug 1998 06:03:39 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: "Larsen, Jim" <JLarsen@alascom.att.com>
Cc: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [18744] RE: BUBBA - Need Better Chart
Message-ID: <Pine.3.89.9808290616.A29969-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Aug 1998, Larsen, Jim wrote:

>
> Well, we had snow in the mountains above town yesterday (called
> "termination dust") and ice (< 32 degrees) on the car this morning. It
> is still not up to 50 degrees today. Yes, you're right, Bob, we need a
> better chart. I can't find my temperatures anywhere on the chart. :-)
>
Update: I didn't give the thermometer time to come up to temp. At about
5:30, it read 102 degrees and it was even in the shade of the patio
roof! Jim, I think we're both way off the chart!

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Sat, 29 Aug 1998 06:10:18 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Larry Cahoon <wd3p@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18745] Re: BUBBA - Need Better Chart

probably be right up there in the 90's. Good thing for me that I conditioned myself for about 25 years here with no home air conditioning. :-)

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Sat, 29 Aug 1998 07:32:13 -0400
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [18747] QRPP -- someday I'll get my dream station
Message-ID: <199808291131.GAA17313@dfw-ix1.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I've decided that I'm going to get my dream QRPP station. No more Pixie transmitter, MRX-40 receiver, homebrew Doug DeMaw audio filter and QRPP "Loud LM386" audio amp. No more Tick Keyer and NorCal paddles. No more ZM-2 tuner and wire antennas -- I'm gonna get a real QRPP station.

I'll get one of those nice big Yaesu FT-1000D rigs with the itty-bitty narrow crystal filters -- I'll even have an oven to keep 'em warm. I'll get one of those fancy automatic antenna tuners -- you know, the kind with all the LEDs that light up and relays that chatter and whirr as it tunes up. Maybe I'll even get one of those nice aftermarket DSP units that fits in the Yaesu external speaker -- got to keep it all color coordinated!! Then I'll get one of those "presentation" keys -- maybe even get it gold plated. And to top it all off I'll get a 100 foot tower -- no make it 150 feet -- and I'll put beams on it -- lots of beams -- in pairs!! I'll phase them vertically and horizontally. Yeah that'll do it -- my dream QRPP station.

Now how do I fit all that stuff in my pocket???

72/73,

Jake [N4UY] Vienna, VA (Washington DC suburbs)

WAS QRP W/C 50/49 (no HI card yet) (I'll be looking this weekend)
WAC QRP W/C 6/4
WAS QRPp W/C 17/17 (250 milliwatts on a Pixie II / MRX-40 / Tick Keyer /40m
dipole combo)
DXCC-Pixie W/C 002/002

Date: Sat, 29 Aug 1998 07:49:17 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18748] Re: QRPp -- someday I'll get my dream station
Message-ID: <Pine.3.89.9808290701.B5278-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

```
>  
> Now how do I fit all that stuff in my pocket???  
>
```

73,

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Sat, 29 Aug 1998 08:55:45 -0400
From: cy r currier <crc3@telplus.net>
To: "crc3@telplus.net" <crc3@telplus.net>, "'Dave Sjolin'" <sjolin@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18749] RE: Y2K
Message-ID: <01BDD32B.1B95D2A0@bgr50.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

no way. almost everyone has a wood stove here . during the ice storm =
those who didn't moved in with those who did. in addition many of us had =
batts and alternative power. i have enough photo voltaics to run =
forever. my monitor takes 143 gal of kerosene a year, if it does all the =
heating .the inverters can power it when the new england power grid goes =
off line. the two freezers can be fired up twice a day by inverter or =
back up generator. i'm well prepared.
i would be happy to help anyone w alternative pwr as i have been doing =
it for years
water power is the best as it is 24 hrs. a wind generator fills in when =
the brook freezes. photo voltaics give u some power every day.
i had to sell the wind generator when things got rough. i may get =
another small one to help out in winter.

many learned a lot from the last ice storm. antennas wouldn't stay up. =
repeaters went down. standard broadcast was all there was. phone wires =
were pulled down. the new computerized telephone switch gear takes 10x =
the power of the old passive switch gear. cell phones were useless.

those w wire got back on the air after the storm. some were w/out =
power for 6 weeks. we got wicked smart real quick. power crews from no =
carolina and virginia and everywhere else in between were flown in. =
beams left up=20

looked like a spider. only the tuffest survived: all needed work. a =
lot to be said fr qrp , extra wire, and a battery bank. cy - k1tes=20

From: Dave Sjolin
Sent: Friday, August 28, 1998 5:46 PM
To: crc3@telplus.net
Cc: Low Power Amateur Radio Discussion
Subject: Re: Y2K

cy r currier wrote:
>=20

> i would prefer no field operation. it's apt to be 25 below zero up =
here in the puckerbrush. i guess i could work from the ice house if i =

could get the battery warm enough. cy - k1tes

If the power grid goes down, the inside of your home may not be much warmer than out in the field. Just a thought. HI

73 de Dave, N0IT

Date: Sat, 29 Aug 1998 13:16:24 GMT
From: nhooop@centuryinter.net (N H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18750] Re: Using big rigs on QRP
Message-ID: <35edfea5.3031891@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Let's stop all this whining about whose
>better than who and just enjoy making contacts, isn't that what it's all
>about.

So who's whining already? I just sit here and have fun with my Century 22 ripping out 5 watts.

72 Nat KM5QU
Oxford AR
QRP-L #1665

Date: Sat, 29 Aug 1998 08:17:29 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [18751] Re: y2k
Message-ID: <7788-35E7FF69-977@mailtod-122.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

I am looking forward to the day when y2k gets here. At last- some peace and quite.
The power grid goes out, the phones stopworking, the cell phones are out

also, no electical power means no no gas, no lights , no nothing, Ahhhh
peace and quite.

Time to throw a few logs on the fire and turn on the battery powered cw
rig for a few contacts while the peace and quite lasts.

Larry ac5ez

Date: Sat, 29 Aug 1998 09:17:44 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: qrp-1@Lehigh.EDU
Subject: [18752] FS: HF/VHF Gear
Message-ID: <19980829.091724.4535.0.wb2vuo@juno.com>

First off, I won't be able to respond to interested parties for a few
days as I will be on the road from Noon today for a few days.

With that, I am changing the station around (Have a chance to P/U another
Alinco DX-70TH...) but I have to sell off the exsisting gear to make the deal.

Selling the following:

1 - Argonaut 509: This rig was back to Ten Tec for a dial cord and a
tweak last year. a 10 electrically and an 8 cosmetically.

Asking \$200 plus shipping

2 - Yaesu FT-301D/FP-301: 100 watts on 160 - 10 Meters, CW/AM filter
included and the RF speech processor has its filter installed, too. By
removing the 100 watt PA, the rig becomes an FT-301SD, the QRP version.
It takes loosening 2 screws and adding the provided jumper to do this.

Asking \$350 plus shipping

3 - Icom IC-290A 2 Meter All-Mode: 10 watts on "Hi" and 1 watt on "Lo"
SSB/CW/FM with a red LED display. Includes the TT mike, but no PL
encode.

Asking \$275 plus shipping

I am on the road, and will not be able to get to the list until next
weekend, or later. If you are interested in any of the gear, and want to
discuss it earlier, I will be in CT at the following phone#:

860.859.0221

Otherwise, leave me a note here (Direct Email, Please!) and I will get back to you as soon as I am home.

72/73, Keith, WB2VU0, 100% QRP from the Great Bergen Swamp of WNY
My night light runs more power than my Rig!!!

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 29 Aug 1998 13:20:02 GMT
From: nhoop@centuryinter.net (N H)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18753] Re: Using big rigs on QRP
Message-ID: <35eeffac.3295134@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Gotta be tempting
>to tweak the power a little when the fox doesn't hear you or you get ? ?

Please don't judge everyone with your own morality...or lack of it.

72 Nat KM5QU
Oxford AR
QRP-L #1665

Date: Sat, 29 Aug 1998 08:27:27 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [18754] label preoccupation
Message-ID: <7791-35E801BF-330@mailtod-122.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

After reading some of the latest posts I wonder why hams feel the need

to apply labels to one another.?

As a casual operator , when I fire up the homebrew 2 watt cw rig into a home brew dipole , I'm a "real qrp type". When I fire up the mfj 9020 into the commercial built vertical all of a sudden I am demoted from a "real qrp type" to something else? Odd isn't it?

Within the parameters of my license class, expertise and finance limits I do what I enjoy doing in ham radio . I will let others worry about what labels to apply :-)

Larry Acez

Date: Sat, 29 Aug 1998 09:32:19 -0400
From: THE ONE AND ONLY <mitch96@pobox.com>
To: Qrp-l@Lehigh.EDU
Subject: [18755] nc40a text book opinion
Message-ID: <35E802E3.491B@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

bob dyer wrote:

>
> Mitch,
> Suggest you ask on the qrp-l.

ok, good idea.

question. has anyone purchased or reviewed the nc40a textbook from California Institute of Technology? What do you think?
Please reply via email at home qth. thanks .

Mitch, Ww4mL
Eschew Obfuscation!

Date: Sat, 29 Aug 1998 09:43:51 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: RCV6064@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18756] Re: Need HF Rig Recommendations
Message-ID: <35E813A7.C36FD5FB@swbell.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

RCV6064@aol.com wrote:

>

What HF rig would you buy if you had
> \$500-\$750 (closer to the \$500 end) to spend? I intend to operate primarily CW
> and would like at least 80-10M capability and 50-100W out (used only on rare
> occasions and of course adjustable to qrp levels).

Two of the best radios ever made are the Icom 735 and the Kenwood
TS830S. Both are classics and would provide solid performance for about
\$500. Of the two, I would think the Icom would be much easier to adjust
to qrp.

73 de Dave, N0IT

Date: Sat, 29 Aug 1998 07:47:11 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Randy Jouett <nop@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18757] RE: Are You a REAL Qrp Operator?
Message-ID: <Pine.BSI.3.96.980829074307.4499A-1000000@usr08.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 29 Aug 1998, Randy Jouett wrote:

>

> >A REAL QRP operator uses "organic" power.
> >ie. hamster, buddy on bicycle, potatoes...
> >Yes potatoes. For details on a "tator battery"
> >let me know....

> >

>

> Yeah. Let me hear about this potato battery. Heck, maybe we cud get together
> for QRP TTF with a bunch of qrp rigs powered by this wacky stuff, take
> pictures, and post em' to the net! LOL! Hey, how about we hampster power a
> 250mw 10mtr rig and trickle charge the battery with a generator tied to his
> exercise wheel?? LOL!

>

This sounds a lot like Bob Pease (columnist and humourist for
Electronics Design magazine) and his quest for a method of recharging
his video camera batteries while backpacking. I suggested using a small

How about it? This sounds like a great topic. Anybody out there want to put together an article for QRP Quarterly and achieve fame (sorry, no fortune) as the foremost proponent of alternative QRP power?

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Date: Sat, 29 Aug 1998 11:03:02 -0400
From: "ck" <cdd@bellatlantic.net>
To: <sjolin@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18758] Re: Need HF Rig Recommendations
Message-ID: <001f01bdd35e\$1f22c1c0\$657bc997@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K3ivb

-----Original Message-----

From: Dave Sjolin <sjolin@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Saturday, August 29, 1998 10:50 AM
Subject: Re: Need HF Rig Recommendations

>RCV6064@aol.com wrote:

>>

> What HF rig would you buy if you had

>> \$500-\$750 (closer to the \$500 end) to spend? I intend to operate primarily CW

>> and would like at least 80-10M capability and 50-100W out (used only on rare

>> occasions and of course adjustable to qrp levels).

>

>Two of the best radios ever made are the Icom 735 and the Kenwood

>TS830S. Both are classics and would provide solid performance for about

>\$500. Of the two, I would think the Icom would be much easier to adjust >to qrp.

>

>73 de Dave, N0IT

>

Date: Sat, 29 Aug 1998 08:08:37 PDT
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [18759] WTB: Kenwood TS120V TS130V TS660 TS670
Message-ID: <19980829150837.15755.qmail@hotmail.com>
Content-Type: text/plain

Want to buy:

TS120V

TS130V

TS660

TS670

If you have one that is surplus to your needs, please let me know.
Would consider non-functioning unit.

Thanks,

Alan, N3BJ

Bent Mountain, VA

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 29 Aug 1998 08:12:39 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: jmlowman@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18760] Re: Unbuilt 38S Questions
Message-ID: <35E81A67.68B1AD54@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Lowman wrote:

>
> I have an unbuilt 38 Special that I'm considering selling. Since this
> is a sought-after item, as they are no longer in production, I'm
> soliciting comments about a fair price to ask, and a fair way to
> determine the buyer.

Try \$25 first come first served. I mean, give me a break!

Vic, K2VCO

Date: Sat, 29 Aug 1998 15:17:10 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-1@Lehigh.EDU
Subject: [18761] Re: FS: HF/VHF Gear
Message-ID: <35e91b50.62232006@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sat, 29 Aug 1998 09:17:44 EDT, wb2vuo@juno.com (William K Hibbert) =
wrote:

>3 - Icom IC-290A 2 Meter All-Mode: 10 watts on "Hi" and 1 watt on "Lo"
>SSB/CW/FM with a red LED display. Includes the TT mike, but no PL
>encode.
>

>Asking \$275 plus shipping

Since Keith is on the road and can't answer mail ...

Is there somewhere I can view a photo of the above mentioned radio on the= web somewhere?

Thanks!

--

72 es 73 de Marty, KM7W

Memphis, Tennessee <http://home.earthlink.net/~mwattcpa>
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM55

Date: Sat, 29 Aug 1998 10:23:25 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [18762] Really / UnReal QRP
Message-ID: <199808291523.KAA06281@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hI gang;

U kneaux a phew years back when kit building was quite popular... (naw, it's not a knew phe-nom-e-nun) lots of the kits had one or more 6146 tubes as finals... Always made me feel glad for the guy or gal that was on the air with their new kit... HomeBrew (of the non drinking type)... :-)

Back in '92 when I had my Icom 735, I spearmented with a quad on thirty meters... w/r construction.... just fit between the trees in the back yard...

Anyhow, I spearmented with the power level and found that at 25 watts I could work whatever I heard... at five watts I had problems... so figured the ant was tooo low or signal was gettinn eaten up by the trees, gnd, house...

I then tried a twenty meter quad cause it hung higher from the gnd... well I did goood at 25 watts and good at 5 watts... so I figured I would go completely qrp and got the qrp++ (I guess it's a ++) (the new improved qrp+) and when I moved here to Strong, Me. I found I could feenagle a good-nuff antenna to do just fine at five watts...

Now I find myself longing for my old 735 again, just to see what it would do with these new high fo-lute-ing antennas... "hanging 'round heah" :-)

I'm sure it would get boaring to work "everything I heard" but I could stand to be boared a while... :-)

I spliced all the wire I could find around the shack and tried to

put up an inverted vee ant yesterday... but everything went catty-whampus... discovered a bumble bee nest and inadvertently agitated some of it's inhabitants... also could not get my rope to the top of the tree I plan to use... The ant will also be broadside to the wrong direction... kinda itching like I found some poison ivy, wx was uncomfortably hot... and discovered a healthy population of mosquitoes...

I think I will re-group and try once again today... after a few moments of meditation...

joel, wa5cvm, in maine, meditating and seeking divine help...

WA5CVM

Joel Denison

PO BOX 542

3-element Wire/Rope This & That away yagi for 20mtrs

Strong, Maine 04983

Gentle Lady R C sailplane

jdenison@morelr.com

Date: Sat, 29 Aug 1998 11:31:12 -0400
From: mike czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-l@Lehigh.EDU>
Subject: [18763] Re QRP Hall of Fame
Message-ID: <35E81EC0.4C69@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Regarding the recent post by Doug Hendricks suggesting nominations be sent in for two people--it's a bit premature in that the formal call for nominations hasn't gone out yet for the next round but if anyone wants to send them in now that's OK too. The formal call will be in the October issue of the QRP Quarterly, along with a post to qrp-l around then.

Although anyone can be nominated and inducted, in the past we only accepted nomination letters from QRP ARCI members. I've been thinking of changing that for quite some time, and I really don't see any reason why only members should be able to make nominations. Henceforth, we'll accept nominations from anyone, whether a member of the QRP ARCI or not. And as always, people do NOT have to be members to be inducted.

BTW, the number of nominations received for a particular person does not give them any advantage over having a single nominating letter; if we get a hundred nominations for someone, that will not increase their chances in the least. What *WILL* increase their chances are well written, factual nominating letters that clearly make a case for their being inducted into the QRP Hall of Fame. In the past we've seen a wide

range of quality in the nomination letters; some were quite excellent and outstanding, while others, well.... not all nomination letters were created equal :-). Don't forget, YOU think that Joe Blow is worthy of being in the QRP Hall of Fame and it's up to YOU to convince the voting body of that. Just throwing out a name and hoping we feel the same way you do won't cut it :-)

And don't forget that you can nominate anyone that you think is worthy; you don't have to limit yourselves to the two names that Doug mentioned. There's no rush in writing them, either; if you want to submit one, take your time and do a good one. The deadline for getting them is usually the end of January so you have PLENTY of time.

Send your nomination letters to me, and please note my new e-mail address. The old abs.net account is being terminated in the near future.

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com
QRP Hall of Fame Honcho

Date: Sat, 29 Aug 1998 11:31:03 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU, nwq-1@scn.org
Subject: [18764] VERTICAL PHASING
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

USE OF BALANCED LINE: In the literature I have read all seem to discuss coax for feed lines with PHASED VERTICALS. As long as the velocity factor is taken into account is there any reason balanced line cannot be used?

PHASED SLV: Have any of you compared the 1/2 wave vs the 1/4 wave spacing with the IN-PHASE and OUT-OF-PHASE set-ups? It appears that running the two both in phase with the 1/2 wave spacing (feed point at half way between the verticals) would give one of the stronger signals. COMMENTS? Which set up worked best for you?

ALAN KB7MBI

Date: Sat, 29 Aug 1998 10:21:16
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU

Subject: [18765] Y2K and more
Message-ID: <3.0.3.16.19980829102116.2c2f9620@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Okay, the power grid fails, phones goes dead, but you can be darn sure the computers that send out your monthly bill are still on line....

If you have a gain antenna, point it my way, I'll have a better chance of your hearing my wet noddle ant and 0 watts out.

If you have a QRO rig running QRP, and I can't hear you very well, crank it up a tad, I still want to talk to you.

Advice to new commers: Make sure you get a good receiver and put up a decent antenna. Transmit power is less important than being able to hear all the stations answering your CQ.

I wonder how long half my antenna has been on the ground? And I thought the bands were dead cuz of solar storming...

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sat, 29 Aug 1998 10:48:02 -0500 (CDT)
From: "Tony D." <tonyd@ccsi.com>
To: qrp-1@Lehigh.EDU
Subject: [18766] Alinco DX-70T
Message-ID: <199808291548.KAA09635@ccsi.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have the following item for sale:

Alinco DX-70T, in box.

Absolute mint condition, used only a few times in house (non smoker), original owner. Still has plastic protective cover on face!! Would make a very good CW rig.

Please email directly if interested. Must sell for new goodies.

Tony KM5JH QRP# 1312

Date: Sat, 29 Aug 1998 09:02:08 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: k5zty@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18767] Re: Using big rigs on QRP
Message-ID: <35E82600.A120090F@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

k5zty@juno.com wrote:

>
> How can you be a genuine QRPer when you are

[insert your favorite disqualifier here]

This is EXACTLY why the definition of QRP should be 5 watts output! How can you possibly be fair otherwise? My dipole at 50' will beat the pants off of a hamstick. Ron's beam will beat my dipole with 950 mw. Where would you draw the line? Someone said "wire antennas yes, beams no"; think about the late great W6AM's multiple reversible rhombic antenna farm.

As far as rigs are concerned, I have any OHR 100 + SCAF which is very close to my TS850s in basic radio performance (most of the time, anyway). Modern QRP rigs are quite good, and don't really give away much in a foxhunting-type situation. Maybe in the CQWW they do, but then, you're not entering a contest like that with QRP to beat the multi-multis.

> I always wondered how certain stations
> regularly got the fox on the first call last winter. Gotta be tempting
> to tweak the power a little when the fox doesn't hear you

Aha, now we see where this is going. Last winter I got the fox on the first call a few times. I also heard a few comments about it, and about how loud I was. Of course, these guys did not comment on how a I got a 2-hour earache and no pelt on other nights. My reaction is: who would I be making a fool of if I were to do this? Who would be the fool-er and who the fool-ee? I actually doubt that this occurs at all in the foxhunt, and if it does, it doesn't make any difference in the outcome.

> Along this line of thought, I think that all of the QRP contest managers

> ought to put a SERIOUS homebrew bonus in all of the QRP contests to
> encourage the use of real QRP rigs.

Bill, I have to point out that, at least for a slightly experienced builder, kits aren't homebrew (I know, they are counted as such in some contests, that's OK). I can build any good modern QRP rig from a kit in a few days and I am GUARANTEED that I will have a good-performing radio. If I build an Elecraft K2 will I be allowed to use it? It will undoubtedly be superior to the SGC-2020, and certainly as good as my 850. Now if you wanted to limit QRP to 'homebrew-built-from-schematic-designed-and-made-the-board', then you'd have a contest! Of course, only a few of us would participate.

Vic, K2VCO
Fresno CA

Date: Sat, 29 Aug 1998 11:13:47 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <pmbail01@ox.slug.louisville.edu>
Cc: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [18768] RE: Are You a REAL Qrp Operator? - Tator battery
Message-ID: <000001bdd368\$01d29780\$4f3347cf@homedad.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Paula Bailey
> Sent: Saturday, August 29, 1998 1:59 AM
> To: Low Power Amateur Radio Discussion
> Subject: RE: Are You a REAL Qrp Operator?
>
>

> Actually, I know about the potato battery. :) (Yes, it *is*
> possible to
> use a potato as a battery. It involves, if memory serves,
> two plates of
> copper and zinc; the potato actually has enough salts in it
> to act as a
> good electrolyte.) I am rather surprised anyone else
> remembers the potato

> battery; you saw them *occasionally* in stuff like "Do it for
> yourself"
> science guides or on "Mr. Wizard's World", and if memory
> serves they also
> told how to do it in one of the "You Can With Beakman And Jax" strips.
> (There is supposedly a web archive of the strips somewhere;
> you might well
> be able to find the particular strip. ;)
>
> To my knowledge, potato batteries aren't rechargable :P
> (Basically, it's
> a new take on the copper-zinc cell) Also, supposedly lemons will also
> work and work quite well at that (citric acid and all...)
>
<snip>
(I think about this *way* too much, don't I? ;)
>
> -pb
> "lemony fresh QRP, coming to a rig near you"
>

I used red potatoes and tried all kinds of metal combinations. I found that nickel and copper gave the highest voltage/current combination. I got just over 1.5 volts per tator. I used the center post from an alkaline battery, nickel plated, and a copper strip. Worked like a champ until the tators dried out.

Kevin, WB5RUE

Date: Sat, 29 Aug 1998 11:19:51 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-1@Lehigh.EDU
Subject: [18769] BUBBA
Message-ID: <199808291619.LAA10296@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This might sound dumb but what does SPC mean? Thanks
73,
KB0PTE
Wayne

Date: Sat, 29 Aug 1998 11:30:22 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [18770] solar and wind power for ham radio
Message-ID: <35E82C9E.7B74@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ive been following the threads abt solar/wind pwr and have afew comments.

First most lead acid btrys do give off gas and you dont want that corrosive and dangerous stuff inside the house. What I did is use a 12v muffin fan and PVC to move the gas outside. The btry bank is inside my house to keep them warm in winter and cool in summer. I built a plywood box around the btry bank. Btrys dont like to get cold or hot.

I just got some state of the art GNB gell cells from Mr Solar.
<http://www.mrsolar.com/>

These dont require venting. Small gell cells may or may not have the gas problem. But being so small theres not allot of gas anyway if your going small scale.

I have run off btrys since 1979, and have over 2000AH of storage.

I also have a 300w wind charger, and have had some experience with lightning hits. My "Air Marine" is 330w and a small 12v charger ment to provide a small charge during winter spring months when sunshine is missing but we have lots of wind storms in the Ozark mts.

The manual says you must ground the negative power cable at the base of the tower only on the 24v model. I didnt ground my 12v and got zapped several times with full warranty replacement. But was getting tired of all that tower climbing! So I bared the neg power cable at the base of the tower and drove in a ground rod and clamped the cable to that.

NO MORE PROBLEM!

I also did the same thing with the neg. power cable from my 1 KW solar array 70' from the house. I also installed "Delta" lightning arrestors at the charge controler inside the house. These things are supposed to protect the charge controler and btry bank.

Its an expensive thing, but my home is in a remote place where grid power isnt available. It was my choice to live this way. The price of

land with no utilities is way lower than land with all that stuff. So we ended up saving money in the long run. And live in a nice quiet place. Great for ham radio!

Hopefully I've solved all the lightning problems! yeah, right
gl de Jim AR QRP#2

Date: Sat, 29 Aug 1998 10:40:45 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Wayne Alexander <walexan@ipa.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18771] Re: BUBBA
Message-ID: <Pine.SOL.3.91.980829103911.15577B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 29 Aug 1998, Wayne Alexander wrote:
> This might sound dumb but what does SPC mean? Thanks
> 73,
> KB0PTE
> Wayne

SPC is an abbreviation for State/Province/Country. In other words, part of the exchange is to give your QTH only in terms of the state, Canadian province or foreign country you are in.

GL, Paul NA5N

Date: Sat, 29 Aug 1998 12:43:15 -0400
From: "Dan Romanchik" <danr@izzy.net>
To: <qrp-1@Lehigh.EDU>
Subject: [18772] Organic power: BayGen technology
Message-ID: <01bdd36c\$1e8e1a80\$e1999ecf@danr.izzy.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was talking to the owner of Communications Electronics (located right

here in Ann Arbor) this morning, and he was talking about the BayGen radios. Basically, he was wondering why they seem to be so popular. The wind-up power was kind of cool, he admitted, but the radio itself was poorly designed and didn't perform very well.

That got me thinking. Is anyone out there using a BayGen-type power source? Is such a thing possible? Is there a web site somewhere that explains how they generate the voltage? Is the generator scalable, i.e. can a bigger, higher power version be made easily? Enquiring minds want to know.

72, Dan KB6NU

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=====
  Dan Romanchik
  Freelance Writer and Web Site Designer
  phone and fax: 734-930-6564
  email: d.romanchik@ieee.org, web: http://qtb.com/danr/
=====
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Date: Sat, 29 Aug 1998 11:41:25 -0500
From: Dan Copeland <dcopeland@wwn.net>
To: qrp-1@Lehigh.EDU
Subject: [18773] Re: Using big rigs on QRP
Message-ID: <16341048411606@wwn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Why is it that every few months we have to beat this dog to death again?
I think if you look up QRP in the dictionary it says anal retentive.

Oh well I think I will go up on 20m with my Icom 756 and run 5.000000001
watts into a 4 element beam at 50 feet and sign QRP!

Date: Sat, 29 Aug 1998 19:02:51 +0200
From: Thomas Roth <th.roth@apc.de>
To: qrp-1@Lehigh.EDU
Cc: gqrp-1@blacksheep.org
Subject: [18774] QST 1973/74
Message-ID: <3.0.32.19980829190213.0068e53c@apc.de>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: 8bit

Hi Gang,

my local library (Hannover, Germany) can't find QST 1973/74. They have them somewhere they say, but where is everyone's guess. Now what I'm looking for is a series of articles by :

M. Walter Maxwell, W2DU, which came under the title of "Another look at reflections".

As far as I know they appeared in QST's April, June, August, October 1973 and December 1974 and possibly one or two more sometime in 1975. It's quite a bit of paper to copy, so I don't know whether or not anybody would be willing to do the work, put out the money for copies and postage and send the stuff to me.

If there's anybody out there who'd be willing to help me out, please mail me privately so we can figure out the details.

For those of you who never heard about these articles, well I can only recommend reading the stuff.

72 de Thomas, DL40BN, G-QRP #5672, AK-QRP #413, QRP-L #1621

Date: Sat, 29 Aug 1998 12:19:49 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [18775] Re: Using big rigs on QRP
Message-ID: <199808291719.MAA13401@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yep, that is what happens. Beating that same dog again, POOR dog. I thought he would be dead by now. It sounds like to many people have more time to talk on the computer than on the radio.

>Why is it that every few months we have to beat this dog to death again?
>I think if you look up QRPer in the dictionary it says anal retentive.

>

>Oh well I think I will go up on 20m with my Icom 756 and run 5.0000000001
>watts into a 4 element beam at 50 feet and sign QRP!

>

73,
KB0PTE

Wayne

Date: Sat, 29 Aug 1998 12:31:39
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [18776] altunative power generation
Message-ID: <3.0.3.16.19980829123139.1a77605e@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

You know how a tall tree swings in the wind?

Well, I've had this idea (browed from a NASA tech brief) about attaching a rope to the top of a tall pine tree (which can really sway in the wind) running it through a pully at the bottom of the tree and using it to pump a hydraulic pump (with spring loaded return, of course). That would build up pressure in a tank and when there is enough pressure, in turn power a generator.

There might be a beter way to turn the linear back and forth motion of the rope in to rotary motion needed to run a generator, or maybe you could push a bunch magnets back and forth though a series of coils.

Just another crazy idea from a lead posioned mind...

Oh, here's a better one.. Attach a small gererator to a hamster wheel. Wonder how long the poor little critter whould have to run to charge a 10 AH gel-cel? Would you get in trouble with the ASPCA for making the hamster do all this work?

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sat, 29 Aug 1998 17:32:02 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <pmbail01@ox.slug.louisville.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18777] Re: Are You a REAL Qrp Operator?
Message-ID: <002a01bdd36a\$93e822a0\$b642b3c7@default>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You can get the methane right here, since the posts contain a lot of 'BULL',
snicker, har
de Steve

Date: Sat, 29 Aug 1998 12:35:52 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: qrp-l@Lehigh.EDU
Subject: [18778] Two Words to the Wise
Message-ID: <35E83BF8.630514E9@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have refrained as long as I can from entering this esoteric discussion
centered roughly (very roughly) around the notion of "what is REAL QRP?"

I recall two words that seem appropriate to this discussion, but which I
have not yet seen appear on QRP-L:

The first is

FUNGIBLE

Objects or entities are fungible if they are individually
indistinguishable, such that one may be substituted for the other; that
is, they have identical characteristics and/or properties; e.g., peas,
corn kernels, gallons of water, volts, amps, watts, ...

Wait! THERE IT IS! WATTS! Watts is watts is watts is . . . You can't
tell one from another. They have no color, scent, weight, etc.

That means that once converted from some other form of energy,
electrical watts cannot be traced back to a source whether they emanate
from a K2, an OHR 400, a QRP++ (is that enough plugs?) or a 735 or a
765 or a 781 (sorry, I am an Icom guy) or whatever.

So, what is all the fuss about where our watts come from? Beats me . . .

Next word:

OMPHALOSKEPSIS

I am really tempted to leave as an exercise for the reader to look up this one - it is in any good dictionary. Yes, I checked the spelling ;^)

But, to be a good guy,

The contemplation of one's navel. More generally, the endless and mindless contemplation of the reason for one's being, etc.

The association here with several postings of late in this general area is too obvious to require further comment.

Now, can we get back to operating QRP?

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting! 33.2 N 96.6 W EM13RE
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496
AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas) 10-X #11771

Date: Sat, 29 Aug 1998 11:55:52 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>, <sjolin@swbell.net>
Subject: [18779] RE: Need HF Rig Recommendations
Message-ID: <001401bdd365\$7ff719e0\$e3df1ecf@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had a TS830s -- It had the finest receiver of any commercial ham rig I've ever used. There is a mod available somewhere to remove the final tubes and run the radio off the 12by7a driver at about a watt.

Tracy N4LGH
QRP-L #1453

> Two of the best radios ever made are the Icom 735 and the Kenwood
> TS830S. Both are classics and would provide solid performance for about
> \$500. Of the two, I would think the Icom would be much easier to adjust
> to qrp.
>
> 73 de Dave, N0IT
>

>

Date: Sat, 29 Aug 1998 09:40:33 -0800
From: "Jim Larsen (AL7FS)" <larsennc@alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@Lehigh.EDU>
Subject: [18780] This is a First!! de AL7FS
Message-ID: <35E83D11.B2AB5D0F@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fellow QRPers,

Nota bene (note well). This is the first time all the auroral numbers have read N6 or N5. In fact, previously we had never seen all 5s, let alone 6s. In fact, I am not sure I have ever seen 6s in the direction of the Lower 48. This bodes well for BUBBA!:

SUBJ: HF RADIO PROPAGATION REPORT
JOINT USAF/NOAA BULLETIN PREPARED BY 55SWXS, SCHRIEVER AFB, CO.
PRIMARY HF RADIO PROPAGATION REPORT ISSUED AT 29/0514Z AUG 98.
PART I. SUMMARY 29/0000Z TO 29/0600Z AUG 98.
FORECAST 29/0600Z TO 29/1200Z AUG 98.

		QUADRANT			
		I	II	III	IV
		0 TO 90W	90W TO 180	180 TO 90E	90E TO 0
REGION	POLAR	N5	N5	N5	N5
	AURORAL	N5	N5	N6	N6
	MIDDLE	N6	N6	N7	N7

73, Jim, AL7FS

Date: Sat, 29 Aug 1998 13:00:55 -0500
From: "Michael A. Newell" <wb4huc@texas.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18781] Re: Y2K and more
Message-ID: <35E841D7.4F82743C@texas.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The computers will be online, but they'll all think it's the year 1900, because internally (a lot of) the software only stores the last two digits of the century.

So when they calculate your credit card interest, they're goin to subtract 12/99 from 01/00, throw away the negative sign, then charge you with 100 years of interest.

You'll also be paying 100 years of phone bills, electric bills, mortgage interest, etc.

When the post office delivers these bills to you, they'll want 100 years worth of postage due as well.

Lots of my fellow data processing professionals are getting rich trying to fix all this stuff before it's too late.

I don't think they're all gonna make it.

I just finished my new OHR WM-2 wattmeter kit. Now I gotta calibrate it and stick it on my OMNI VI, turn the power down, and start making contacts.

73,

from a new QRP-L subscriber,

Mike Newell
WB4HUC
Austin, TX
<http://wb4huc.home.texas.net>

Date: Sat, 29 Aug 1998 14:08:48 EDT
From: W2my@aol.com
To: qrp-l@Lehigh.EDU
Subject: [18782] QRP?

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

QRP is a state of mind. It really has nothing to do with the radio nor antenna.

If you have any questions about it, get a copy of "History of QRP", by Adrian Weiss, W0RSP. You will never have to ask the question again. And besides, it is really good, and inspirational reading.

Steve, W2MY

Date: Sat, 29 Aug 1998 14:28:05 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Steven Weber <kdl1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18783] Re: alternative power generation
Message-ID: <Pine.3.89.9808291429.E23288-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 29 Aug 1998, Steven Weber wrote:

>
> Well, I've had this idea (browed from a NASA tech brief) about attaching a
> rope to the top of a tall pine tree (which can really sway in the wind)
> running it through a pully at the bottom of the tree and using it to pump a
> hydraulic pump (with spring loaded return, of course). That would build up
> pressure in a tank and when there is enough pressure, in turn power a
>

Sounds like it could work...

One of the locals down here has been pushing his patented idea for years to generate electrical power from the tides. I've never heard of anything practical coming from the idea, but sure could work! Just float a large object up and down with the tides and have it drive some gears coupled to a generator...

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Sat, 29 Aug 1998 14:30:41 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: RCV6064@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18784] Re: Need HF Rig Recommendations
Message-ID: <Pine.LNX.3.96.980829142847.4829A-100000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 29 Aug 1998 RCV6064@aol.com wrote:

> Hi all -
> This is my first post to the group although I have been a member for over a
> year and one-half. I always enjoy reading everyone's posts each day and it's
> rare if I don't pick up at least one new idea after reading through a qrp-1
> digest; this is a great group. Like many of you, I am enjoying ham radio a
> whole lot more since discovering qrp. But in order to enjoy it to its
> fullest, I need everyone's help. What HF rig would you buy if you had
> \$500-\$750 (closer to the \$500 end) to spend? I intend to operate primarily CW
> and would like at least 80-10M capability and 50-100W out (used only on rare
> occasions and of course adjustable to qrp levels). The K2 looks like a
> distinct possibility (I've built a Norcal 40A and it's great; thanks Wayne).
> Please respond direct to my email address. If anyone else is interested,
> email me and I will copy you on the responses I get.

Myself, I'd prolly get a K2 or a Norcal Sierra or maybe one of the Ten-Tec
units (and a linear for those last two). Mostly because a) I am a cheap
git :) and b) I like building my own a *lot*. Your tastes may differ.

> Thanks and 73,
>
> Rich K6TM
> rcv6064@aol.com

-pb

Date: Sat, 29 Aug 1998 14:50:22 EDT
From: WD6BOR@aol.com
To: mitch96@pobox.com, qrp-1@Lehigh.EDU

Subject: [18785] Re: nc40a text book opinion, review
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Mitch,

I bought and am slowly going through "The Electronics of Radio" by David Rutledge of Cal Tech. I had been struggling some of the more advanced concepts of network analysis and design for some time. Paul Harden's and Wayne Burdick's excellent explanations of the workings of radios have helped me progress much further than the follow-the-directions-and-hope-for-the-best school of radio building, but I still had enormous gaps in my understanding of the practice of design for radios. Because the original Norcal 40 had been the first radio I had built in years, "The Electronics of Radio" worked well in coupling theory with the calculations needed for practical application.

The book actually works well on several different levels. It contains basic electrical theory and calculation as well as a complete engineering text on radio design. The chapters are broken down into basic general knowledge such as "Electronic Components", "Phasors", "Filters" and "Acoustics" and also has chapters devoted to class A and C amplifiers, oscillators, mixers, audio circuits and transceivers and contains a final exam, complete building instructions for the NorCal 40A and data sheets for all the devices used in the radio.

The text is written in an informal style that doesn't suck your brain out of your cranium and uses extensive examples supported by all the mathematics necessary to design the radio. It may well take me years to fully appreciate all the information presented here, but if I keep at it I know I will wind up knowing much more about how the great little radios I enjoy building are created.

I would unreservedly recommend this book to anyone serious about learning more about electronics and radio. The book is redicously cheap compared to other electronics texts (I just bought "The Art of Electronics" text and student workbook for about \$100 total and consider that a bargain at the price). Combined with one of Wilderness Radio's Norcal 40As, you would have the equivalent of a thousand dollars of high level education for less than \$200.

I just looked around for the order form but can't find it so hopefully someone else can post that to the list. If you believe that the good things in life take and are worth some effort and are willing to spend the time reading and experimenting, you'll jump a couple orders of magnitude in your knowledge of electronics after completing this course.

I want to offer a big thanks again to Wayne and Bob at Wilderness Electronics and David Rutledge at Cal Tech for making this all available to us.

72/73,

Darrel Jones, WD6BOR
Sonoma, CA

PS. "The Art of Electronics" text and student workbook are well worth the price also. Don't chinz out and NOT spend the extra \$30 for the student workbook. It is what makes sense of the textbook for me. I bought mine through amazon.com and had them in a week.

Date: Sat, 29 Aug 1998 14:56:34 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Randy Jouett <nop@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18786] Re: Are You a REAL Qrp Operator?
Message-ID: <Pine.LNX.3.96.980829144159.4829D-1000000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 29 Aug 1998, Randy Jouett wrote:

> >Oh dear...I can see it now...the Allsup's 40M special *shudder*
> >
> >(For those who don't follow storm-chaser mailinglists--Allsup's is, well,
> >a sort of gas/food/stop-n-rob chain in Texas and Oklahoma who sell
> >burritos (heated over lamps) that are, to whit, reported to be *extremely*
> >methanogenic. It is rumored that, were cars to go to burning methane,
> >most of the activve storm-chasers could fuel their vehicles very well off
> >the by-products of Allsup's burritos.)
> >
> Hmmm. I live in Houston and haven't seen an Allsup's any where around my
> area.
> Know of any in Houston, Paula???

I'll have to ask my storm-chaser friends. :) (As it is, Allsup's is sort of like...well, you know how some stores like SuperAmerica and other places have Taco Bells in gas stations? Allsup's does like that, from what I understand.)

> >Does this mean we're also going to be seeing shirts of chihuahuas with
> >little Norcal radios (giving the dual fright of little yip dogs who are
> >Norcal zombies ;) saying "Yo quiero QRP"? ;)
> >
> Yeah! How about a NorCal t-shirt, folks! :^)

Oh dear, what has been wrought here? :)

> >> Hey. Would we get a better multiplier for using this kinda' power? :^)
> :^)
> >
> >One wonders. I think one should, anyways. (If we can find one of those
> >old hand-crank generators they had in science classes and use them
> >somehow, that would be interesting too. Hook it up, find one of the old
> >treadles from an *old* Singer sewing-machine, hook it up to the handle,
> >and there you go--the things power a light-bulb well, you'd just need to
> >hook up a battery to tricke-charge it ;) Of course, if memory serves,
> >you'd have to have several potato-cells (or lemon-cells--then you could
> >have lemon-fresh QRP ;) but the amount of power you can get is not
> >negligible from them.
> >
> >(I think about this *way* too much, don't I? ;)
>
> Well, at least you are thinking, Paula, and that's a lot more than I can
> give a LOT of people that I've met! :^)

Heh :) Well, you know what they say about an idle mind....or is it idle
hands and a hyperactive mind...aw, I can't remember :)

> >"lemony fresh QRP, coming to a rig near you"
>
> I'm wondering what kind of amp-hours we're talking here? Maybe I cud do some
> calculations and figure out how many lemons we wud need to power a rig.

Well, actually, I was doing research on this last night... :)

Apparently, lemon and potato cells don't put out *quite* as much power as,
say, a regular carbon-zinc cell. They *do* put out enough power to power
an LED or small flashlight, though, so it is entirely possible you could
rig up some sort of cell-battery (in the old, traditional sense) and with
some testing with the multimeter we can get acceptable amperage and
voltage. I would think you'd need several, at least, though.

Lemon cells, I think, would last longer because of the citric acid in
them. Citric acid makes for a good electrolyte, just like sulfuric acid
does.

> Heck, while I'm thinking about it, why not just build all kinds of crazy
> power sources, group em' all together at one Qrp TTF location, and call CNN
> or the like and tell them about it? They'll probably get a kick out of it
> and put it on the air. It would be great publicity for amateur radio, too! I
> can see it now. "Y2K Alternative Power Sources." Cud call it YAPS for short,
> and that wud go along great with your NorCal t-shirt design. :^)

Actually, that isn't a half bad idea. It would certainly spark interest, anyways... :) Especially if we did several "unconventional" methods of power (those exercise bikes can be used to power generators, with a willing volunteer (or an acceptable mobile bike setup) and some minor kersneckerage to hook up the gears to a small 12v generator--get in shape and power your radio at the same time! :) we could possibly not only make it on their news bits but possibly on their webpage too. :)

> Randy AB5NI
> nop@swbell.net

-pb
"lemony fresh QRP, coming to a rig near you"

Date: Sat, 29 Aug 1998 15:10:16 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18787] RE: VERTICAL PHASING
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I AM FORWARDING THIS ON TO THE GROUP...ALAN KB7MBI

<<I hope I don't get egg on my phase for tackling the phasing questions without my antenna books at hand.

The quarter wave spacing will give you a cardioid, (heart shaped pattern), thus giving a uni-directional pattern, in one favored direction. The half wave spacing will simply give you a larger omni-directional pattern, if I am remembering correctly.

Now as to feedlines. Most times when folks are talking in amateur use of using phased verticals, it is QUARTER WAVE verticals, which is a monopole, or unbalanced antenna. If you had half wave verticals center fed, you might consider balanced line brought off at right angles to the centers.

If you use the balanced line to end feed the quarter wave vertical, you would need to go from a balun at the base to convert from balanced line to the unbalance of the ground mounted quarter wave. But, if you elevate the vertical, and use elevated radials also known in this case as counterpoises,

(even just one), you could probably use the balanced line directly at the risk of some unbalance because the coupling capacitance of the counterpoise parallel to local earth would be greater than the capacitance of the vertical element to local earth. The use of the balun would depend on having the optimum impedance transformation. Since balanced lines are often in the range of 450 ohms-600 ohms or more, and baluns often are set up for 450 to 50 ohms, and the base of a near ground vertical would look like 35 or 36 ohms, you would have some matching issues. However, the use of balanced lines feeds presupposes that you are tuning the whole system of feedline and anything else between it and the antenna. On the other hand, any losses in the balun would of course detract from the lowered losses by use of balanced lines. Catch 22.

It is usually just easier to use highest quality low loss coax, and put it in PVC conduit to keep it watertight, and accept the coax per foot loss, and enjoy the directional advantage of the quarter wave phased verticals.

There is not much in the literature about using balanced line for feeding verticals that rest on the local earth. It is shown in the handbooks, but the issue of coupling the balanced line to earth, and thus unbalancing it, is not adequately explained. If you could keep it well off earth, until you get to the elevated vertical, then it would be OK say, if it were high enough to walk under. Elevated verticals have less ground loss anyway.

Hope this helps,
72, Stuart K5KVH

>>

Date: Sat, 29 Aug 1998 13:11:56 -0600
From: jaywa5whn@juno.com
To: qrp-1@Lehigh.EDU
Subject: [18788] Wind Turbines/Bubba/Y2K/VLF
Message-ID: <19980829.131157.6406.0.jaywa5whn@juno.com>

Wahoo !! 1 Day until Bubba, hopefully, will talk to most of you from the Sandia Mountains Wilderness {DM65}, just east of AlbuQRQue, NM. W5BI will be on 40 cw & I will be on 15 & 20 meters cw & 146.52 MHz FM simplex.

<http://www.dancris.com/~ki7mn/bubba98.htm>

I had so many inquiries about which wind turbine I had ordered, let me preface this by stating that my requirements are for a self contained, low maintenance power source. There is a version of this air turbine that is

designed for a highly corrosive, coastal environment. It is an AIR303 Wind Turbine {regulator/self contained}. There are 4 versions of this particular wind turbine {24 VDC & 12 VDC, coastal or in land}. This will allow me to have 3 sources of power {2.5KVA generator, 30 watt solar panel & 300 watts @ 24 mph wind turbine}. This may not fit your needs. The most efficient wind turbines are the kind that you see near Rocky Flats, Colorado or 80 miles east of San Francisco, more like a vertical wind turbine blade arrangement rather than the wind mill style. I have the old Sierra wood stove. Heat will not be an issue.

Does anyone want to go into the old hand crank generator business? Talk about a cottage industry.

How many of you have composting toilets? KI7MN had a great idea a few months ago for a methane power generator.

Just think of the Y2K bug as an extended FYBO event.

How many Cities have simulated a major power loss for several weeks? I know of several local farmers who are having extra fuel tanks installed on the farm. One has built an extra barn to store hay. He will travel on horse back, if necessary. BTW, he is a ham.

If the power grid does drop off, think of all of the VLF qrp fun that you could have, or just listen to the "spherics". Other than the hanta virus outbreaks & the lack of water, we will do fine in the SW USA.

As W5XE had pointed out, prior to the REA in the 50's, this would have been a mute subject during that period of time, since most of the US were living in a rural environment. OK, so we start boiling water on the wood stove to take a bath in the kitchen in a tub on Saturdays again. ;-)
That's nothing new.

Just remember, I don't want to see any of your names nominated for the "Darwin Award".

BTW, great Zombie T-Shirt Jerry - WA6OWR , mine had arrived yesterday.

Don't panic...Talk to most of you during
"Bubba"...72...Jay, WA5WHN DM65qd AlbuQRPque, NM USA

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Date: Sat, 29 Aug 1998 15:18:42 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Dan Romanchik <danr@izzy.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18789] Re: Organic power: BayGen technology
Message-ID: <Pine.LNX.3.96.980829151159.4829E-1000000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 29 Aug 1998, Dan Romanchik wrote:

> I was talking to the owner of Communications Electronics (located right
> here in Ann Arbor) this morning, and he was talking about the BayGen
> radios. Basically, he was wondering why they seem to be so popular.
> The wind-up power was kind of cool, he admitted, but the radio itself
> was poorly designed and didn't perform very well.
>
> That got me thinking. Is anyone out there using a BayGen-type power
> source? Is such a thing possible? Is there a web site somewhere that
> explains how they generate the voltage? Is the generator scalable, i.e.
> can a bigger, higher power version be made easily? Enquiring minds want
> to know.

Baygens, AFAIK, were originally designed to be "quick and dirty" radios
for third-world countries (where batteries are expensive); the cranking
basically provides power for about an hour at 9v or so.

How they operate is, well, very similar to how a wind-up watch operates.
The cranking winds a coil like on a windup clock; there are gears inside
that regulate how slowly the coil unwinds, and these go to (instead of the
gears to which watch-hands are attached) a generator which puts out the
juice.

As it is, with a big enough coil and gears, I see no reason why you
shouldn't be able to scale it up. You would just need someone who can
make the spring and gears for you...it would be, I imagine, remarkably
similar to how a watch operates. Just larger. :)

I'm sort of surprised nobody's thought of it before, in relation to QRP;
they already are selling Baygens (both the Freeplay shortwaves and a new
one that just covers AM and FM) through RV catalogues (surprisingly good

places for getting alternative power stuff for field usage :).

> 72, Dan KB6NU

-pb

"fun with clockwork radios..."

Date: Sat, 29 Aug 1998 15:24:25 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: inforhc@mail.infocom.etecsa.cu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18790] Re: underground feedline installation
Message-ID: <35E85569.5535BF58@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Prof. Arnaldo Coro Antich wrote:

> Two coaxial cables.... 50, 75 or 90 ohms...
> Both shield soldered together at both ends
> The two center conductors are used to feed an antenna
> the same way you will feed with a pararell open wire
> transmission line...
> NOW... this shielded pararell line made with the two
> coax cables has...
> 100 ohms impedance when 50 ohms cable is used
> 150 ohms impedance when 75 ohms cable is used
> 186 ohms impedance when 93 ohms cable is used
>
> Losses depend on type of coax used

<...snip...>

Even in a parallel setup the coax cable will have higher loss with a high SWR than the open or ladder line. When SWR gets really high, coax losses will be very serious due to its dielectric. I have never actually buried coax, only "shielded" the line just to pass thru a brick wall. It might be interesting to know of actual numbers running "parallel shielded line" underground for a long stretch.

Have anyone tried or built a parallel vswr bridge or wattmeter ?

I remember an article in Communications Quarterly about a vswr bridge

for 300R but, of course, I misplaced that issue!

72,
Hugo
CX9AAK/W2

Date: Sat, 29 Aug 1998 15:26:39 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18791] Re: alturnative power generation
Message-ID: <Pine.LNX.3.96.980829151926.4829F-100000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 29 Aug 1998, Steven Weber wrote:

> You know how a tall tree swings in the wind?
>
> Well, I've had this idea (browed from a NASA tech brief) about attaching a
> rope to the top of a tall pine tree (which can really sway in the wind)
> running it through a pully at the bottom of the tree and using it to pump a
> hydraulic pump (with spring loaded return, of course). That would build up
> pressure in a tank and when there is enough pressure, in turn power a
> generator.
>
> There might be a beter way to turn the linear back and forth motion of the
> rope in to rotary motion needed to run a generator, or maybe you could push
> a bunch magnets back and forth though a series of coils.
>
> Just another crazy idea from a lead posioned mind...

Actually, you're not the first to think of a tree (or wood, more properly)
powered engine of some sort. It is essentially a type of spring (just
using wood instead of metal).

I've seen on the show "Woodwright's Shop" on how old lathes would use a
portion of a sapling or a tree branch, wrap a piece of string around the
wood to be worked and attach one end to the tree or sapling and the other
to a foot-treadle, and this would work *very* well for turning wood.

There are probably several ways you could do this, which may or may not

use trees at certain steps...exercise bikes and old Singer sewing machine treadles come to mind. If you had enough wind to blow the tree *itself* (without use of a treadle to snap it back) you might well be able to set up wind power proper. Or, of course, the setup you mention would work well too (basically using the tree as a spring to power a water-pump for hydroelectric power).

> Oh, here's a better one.. Attach a small gererator to a hamster wheel.
> Wonder how long the poor little critter whould have to run to charge a 10
> AH gel-cel? Would you get in trouble with the ASPCA for making the hamster
> do all this work?

Well, considering how animal rights groups go anymore, you might not want to do that. :) (Yes, the ASPCA actually even monitors the use of *insects* and arachnids anymore in movies...they want to make sure that any roaches and spiders used in a motion picture are not being mistreated :)

> 72,
> Steve, KD1JV....In the White Mountains of New Hampshire
>
> "Melt Solder"

-pb

Date: Sat, 29 Aug 1998 15:28:26 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Steve Sorrell <ap036@detroit.freenet.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18792] Re: Are You a REAL Qrp Operator?
Message-ID: <Pine.LNX.3.96.980829152700.4829G-100000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 29 Aug 1998, Steve Sorrell wrote:

> You can get the methane right here, since the posts contain a lot of 'BULL',
> snicker, har
> de Steve

To which I respectfully say,

"Moo." :)

Yes, it's nuts. Really nuts. But darn it, it's *fun* to ponder all the possible ways one can power a radio without being connected to the local power grid. Lemme *dream*, already. :)

-pb

Date: Sat, 29 Aug 1998 14:32:13 -0600
From: Mike - W0TMW <crucis@sky.net>
To: walexan@ipa.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18793] Re: BUBBA
Message-ID: <35E8573D.8816A4D7@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You've got a typo there---dropped the last "A".

It's SPCA, the Society to Prevent Cruelty to
Amateurs (Radio Amateurs, that is!)

(Tongue firmly in cheek.)

Mike - W0TMW

Wayne Alexander wrote:

>
> This might sound dumb but what does SPC mean? Thanks
> 73,
> KB0PTE
> Wayne

--

=====
Mike Watson, W0TMW QCWA Mbr # 28651, Chap. 35
Raymore, MO USA Grid: EM28st ARCI# 9647
<http://www.sky.net/~crucis/linklist.htm>
E-mail: crucis@sky.net ARS# 352, QRP-L# 1489
=====

Date: Sat, 29 Aug 1998 15:50:34 EDT
From: aa8yo@juno.com (Robert J Fox)
To: qrp-1@Lehigh.EDU
Subject: [18794] JPS ANC-4
Message-ID: <19980829.144558.15199.0.aa8yo@juno.com>

Hi Gang,

Anyone in this fine group have any experience with
a JPS ANC-4 ?

Thanks in advance for your comments.....

73 - Bob / AA8Y0

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Date: Sat, 29 Aug 1998 19:54:54 -0700
From: JFD /WA8GHZ <jdougher@wt.net>
To: ham_QRP-1 <qrp-1@Lehigh.EDU>
Subject: [18795] WA8GHZ /5 - Houston Bubba
Message-ID: <35E8BEFE.610A@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Whewweeee, it's hot in Houston.....

- just put up a new V-beam here in Houston where WeatherChannel
reports:

Temp = 97

Hum = 47

H.I. = 107 (and it felt like it on the roof!!!!)

CUL

Bubba Jack

WA8GHZ /5

ARS208, QRPL619, 5'11", etc.etc.etc.

Date: Sat, 29 Aug 1998 13:13:41 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18796] Re: SW40+: Increasing the output power
Message-ID: <35E7FE85.E332A915@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The referenced posting is about two months old, but I finally got around to trying the increased power mod. My SW40+ now puts out 4.5 watts as measured by my WM-2 meter, and the mod was quite easy to do.

If you don't have Gary Surrency's posting and want it, you can find it in the 6/16/98 archive or I can forward a copy. It's worth it, as it really makes the rig hum.

One other mod I did is to add a power switch to the front panel. I wish all designers would include the switch as a matter of course. It's a pain to plug/unplug a rig, and those with the switch in the rear like the NorCals aren't much easier. My QRP shelf is pretty small, and I have to pull a rig out to turn it on.

Anyway....try Gary's mod. You'll like it.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Sat, 29 Aug 1998 15:56:58 -0500
From: "Randy Jouett" <nop@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18797] RE: VERTICAL PHASING
Message-ID: <003101bdd38f\$90bdbde0\$210aa8c0@aldebran>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>I AM FORWARDING THIS ON TO THE GROUP...ALAN KB7MBI

>-----

>

><<I hope I don't get egg on my phase for tackling the phasing questions
>without

>my antenna books at hand.

>

>The quarter wave spacing will give you a cardioid, (heart shaped pattern),

>thus

>giveing a uni-directional pattern, in one favored direction. The half wave

>spacing will simply give you a larger omni-directional pattern, if I am

>remembering correctly.

If you are really interested in building phased arrays, make sure you check out "The Novices Guide to Phased Arrays" by W8HXR (Jerry Swank) which was publish in the late 70's or 80's in 73 magazine. (I think it was 78). This was a two-part article, by the way. It shows all smith chart plots that you'll ever need, and Jerry gives wonderful, lay-minded explanations throughout the text.

Another good read is "The Perverted Vee" by W5VSR (A.J. "Buddy" Massa), and it was published in 73 magazine around the same time as Jerry's article. The best thing about this article is that, not only did it show you how to build an LC Phaser, it also showed you how to build a simple L Network, thus removing the addition of cumbersome impedance-matching lines. An antenna coupler/tuner does the same thing, so that's what I used :^). Heck -- impedance matching is impedance matching. :^)

I built quite a number of phased arrays from these articles (including a current fed, phased bobtail curtain on 40). Jerry also wrote an article on this puppy, and it's a must for you qrp dx hounds. Ultra-low take-off angle, don't ya' know!

Jerry, Buddy, Bob Heil (K9EID), and I did a lot of playing around with these puppies (phased arrays) on 7.240 back in the late 70's and early 80's, and let me tell ya the we had a ball! Jerry had limited space, so he usually stuck with verticals. Buddy's ant was the Perverted Vee. Basically, two inverted vee's hung off a single telescopic push-up pole, with the inverted vee's layed on their sides, looking a diamond when you strung the thing up. He also had a limited-space, antenna-building environment. Bob played around with phased inverted vees, and I played around with everything horizontal (besides the bobtail), including a three-element, horizontal phased dipole array aimed right down Europe's throat :^) Damn -- I miss that antenna!

Randy AB5NI
nop@swbell.net

Date: Sat, 29 Aug 1998 23:17:30 +0200
From: Thomas Roth <th.roth@apc.de>
To: qrp-l@Lehigh.EDU
Cc: gqrp-l@blacksheep.org
Subject: [18798] Re: QST 1973/74
Message-ID: <3.0.32.19980829231648.006938dc@apc.de>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi again,

twentyseven (27) replies within two hours (wiping the sweat off my brow), that's what I like about this list. Thank you all !!! Matter of fact, no I didn't know the whole serious plus some more was published as a book. Thanks for the useful hints as to where I could still find one. Will check this out at once. Thanks all who offered to send me copies. If I don't find the book I'll get back to one of you.

72 de Thomas, DL40BN, G-QRP #5672, AK-QRP #413, QRP-L #1621

Date: Sat, 29 Aug 1998 15:46:55 -0600
From: Dick Schneider <rschneid@ix.netcom.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [18799] change in bubba plans
Message-ID: <35E876CF.CBCD1DDB@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Won't be able to scoot into mountains Sunday for bubba, but do plan to be on the air bubbawise from the home QTH. already ate a pre-bubba meal this afternoon wid N1FN at KFC.

72 Dick AB0CD..

Date: Sat, 29 Aug 1998 21:52:59 +0100
From: Walt Amos <walatk8cv@ameritech.net>
To: qrp-1@Lehigh.EDU
Subject: [18800] I'm not real
Message-ID: <35E86A2B.1C27@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi fellow list deleters

I have yet to encounter anyone asking me if I'm a " real qrp'er " but that doesn't mean it won't happen in today's society :) I have had a lot of qro operators suddenly not be able to hear me when I say I'm using 3 watts !!

Walt k8cv

Date: Sat, 29 Aug 1998 22:42:08 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18801] Re: Y2K and more
Message-ID: <35e882af.88698329@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sat, 29 Aug 1998 13:00:55 -0500, "Michael A. Newell" =
<wb4huc@texas.net>
wrote:

>You'll also be paying 100 years of phone bills, electric bills, mortgage
>
>interest, etc.
>
>When the post office delivers these bills to you, they'll want 100 years
>
>worth of postage due as well.

They may bill it, but I'd like to see them try to collect it! I have yet= to
see the judge that will believe a computer over a written document (like =
a
check, or receipt). The lesson: Computer transactions are worth the =
same as

a recently issued Northwest Airlines e-ticket at providing proof.

Particularly since, by the same predictions, the banks will be closed and money will be worthless.

Yet, if one does a search on the web, it seems that there is plenty of experts, some of whom were among the first "prophets" of the problem, = that tell us the issue is being blown way out of proportion, and has become = the "rally flag" of individualist/survivalist groups.

--

72 es 73 de Marty, KM7W

Memphis, Tennessee <http://home.earthlink.net/~mwattcpa>
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM55

Date: Sat, 29 Aug 1998 16:57:15 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Dick Schneider <rschneid@ix.netcom.com>, qrp-l@Lehigh.EDU
Subject: [18802] Re: change in bubba plans
Message-ID: <199808292256.QAA12947@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>>bubbawise from the home QTH. already ate a pre-bubba meal this afternoon wid N1FN at KFC.<<

I can confirm that. And Dick already had his Bubba suit on! Made me start scratching my head about how to "un-shave."

I'll be on the air at least part of the time, from the home station and in considerable comfort. For those of you who are going out of your way to find a hot and humid spot to operate from, well... I *respect* that.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com

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(303)752-3382
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Date: Sat, 29 Aug 1998 18:57:11 -0400
From: "Don McKechnie" <donmck@erinet.com>
To: qrp-l@Lehigh.EDU
Subject: [18803] Re: I'm not real
Message-ID: <199808292255.SAA09474@erinet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Hi fellow list deleters
>
> I have yet to encounter anyone asking me if I'm a " real qrp'er " but
> that doesn't mean it won't happen in today's society :) I have had a lot of
> qrp operators suddenly not be able to hear me when I say I'm using 3 watts
> !!
>
> Walt K8CV

>
I was very surprised to have the opposite happen recently. He revised my
RST upward from 559 to 579 when I reported my power as 2 watts! I really
don't know what to make of it.

One never knows. He was a 569 for me!

72 DE W8IZZ
Don

End of QRP-L Digest 1198

